STR-DE915/TA-V909/VE910

SERVICE MANUAL

SONY-08514

US Model
Canadian Model
STR-DE915
AEP Model
UK Model
E Model
TA-VE910
Australian Model
STR-DE915
Chinese Model
TA-V909
PX Model
STR-DE915

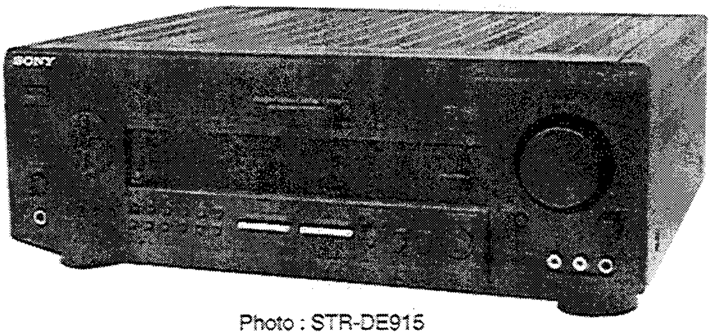

Photo : STR-DE915

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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

With 8-ohm load, both channels driven, from 20 - 20,000 Hz, rated 100 watts per channel, minimum RMS power, with no more than 0.09% total harmonic distortion from 250 milliwatts to rated output (USA model only).

Amplifier section

POWER OUTPUT

Stereo mode (8 ohms 20 Hz - 20 kHz, THD 0.09%)
100 W + 100 W

Surround mode (8 ohms at 1 kHz, THD 0.8%)
Front: 100 W/ch
Center*: 100W
Rear*: 100 W/ch
* Depending on the sound field settings and the source, sound will not be output.

Dynamic power output
155 W + 155 W, 8 ohms
220 W + 220 W, 4 ohms

Harmonic distortion at rated output
Less than 0.09% (with DIRECT PASS on)

Frequency response
PHONO: RIAA equalization curve ±0.5 dB
CD, TAPE, DAT/MD, VIDEO 1, 2,:
10 Hz - 50 kHz $^{+0.5}_{-2}$ dB (with DIRECT PASS on)

Inputs

	Sensitivity	Impedance	S/N (weighting network, input level)
PHONO	2.5 mV	50 kilohms	75 dB* (A, 2.5 mV)
CD, TAPE, DAT/MD, TUNER, VIDEO 1, 2, 3 LD/DVD, TV/DBS	150 mV	50 kilohms	82 dB* (A, 150 mV)
LD/DVD AC-3 RF	—	75 Ω	100 dB (A, 20 kHz, LPF)
LD/DVD, CD, DAT/MD OPTICAL	—	—	100 dB (A, 20 kHz, LPF)

* '78 IHF

— Continued on next page —

STR-DE915

FM STEREO/FM-AM RECEIVER

TA-V909/VE910

INTEGRATED AV AMPLIFIER

MICROFILM

SONY®

Outputs VIDEO 1, 2 AUDIO OUT:
Voltage: 150 mV,
Impedance: 10 kilohms
WOOFER:
Voltage: 2 V
Impedance: 1 kilohms
PHONES:
Accepts low and high impedance headphones

BASS BOOST +6 dB at 50 Hz

Digital signal processor section

Modulation (A/D conversion)
High Density Linear Converter

Demodulation (D/A conversion)
High Density Linear Converter (Advanced pulse D/A converter)

Sampling frequency
48 kHz

Surround LFE MIX:
MUTE, –20 - 0 dB, 0.5 dB step
D. RANGE COMP:
OFF, 0.1 - 0.9, STD, MAX
REAR level:
–20 - +10 dB, 0.5 dB step
CENTER level:
–20 - +10 dB, 0.5 dB step
SUB WOOFER level:
–20 - +10 dB, 0.5 dB step
EFFECT:
21-step adjustable
WALL:
17-step adjustable
SEAT F/R:
17-step adjustable
SEAT L/R:
17-step adjustable
REBERB time:
17-step adjustable
Depending on the sound field, some parameters may not be adjustable

Equalizer BAND: BASS/TREBLE
Turnover frequency:
Bass: 99 Hz - 992 Hz
Treble: 1.0 kHz - 8.6 kHz
Level: ±10 dB, 0.5 dB step

FM tuner section (STR-DE915)

Tuning range 87.5 - 108.0 MHz

Antenna terminals
75 ohms, unbalanced

Sensitivity Mono: 18.3 dBf, 4.5 µV
Stereo: 38.3 dBf, 45 µV

Usable sensitivity
11.2 dBf, 2 µV (IHF)

S/N Mono: 76 dB
Stereo: 70 dB

Harmonic distortion at 1 kHz
Mono: 0.3%
Stereo: 0.5%

Separation 45 dB at 1 kHz

Frequency response
30 Hz - 15 kHz $^{+0.5}_{-2}$ dB

Selectivity 60 dB at 400 kHz

AM tuner section (STR-DE915)

Tuning range With 10 kHz interval:
530 - 1710 kHz (US, PX and Canadian model only**)
530 - 1610 kHz (models for all other countries except for Australia)
With 9 kHz interval:
531 - 1710 kHz (US, PX and Canadian model only)
531 - 1602 kHz (Australian model and models for all other countries**)

Antenna Loop antenna

Usable sensitivity
50 dB/m (at 1,000 kHz or 999 kHz)

S/N 54 dB (at 50 mV/m)

Harmonic distortion
0.5 % (50 mV/m, 400 kHz)

Selectivity At 9 kHz: 35 dB
At 10 kHz: 40 dB

** You can change the AM tuning interval to 9 kHz (US, PX and Canadian model only) or to 10 kHz (models for all other countries except for Australia). After tuning in any AM station, turn off the receiver. Hold down the PRESET TUNING + button and press the POWER button. All preset stations will be erased when you change the interval. To reset the interval to 10 kHz (or 9 kHz), repeat the procedure.

Video section

Inputs 1 Vp-p 75 ohms

Outputs 1 Vp-p 75 ohms

General

System Tuner section: (STR-DE915)
PLL quartz-locked digital synthesizer system
Preamplifier section:
Low-noise NF type equalizer
Power amplifier section:
Pure-complementary SEPP

Power requirements
US and Canadian models:
120 V AC, 60 Hz
Australian model:
240 V AC, 50 Hz
E, PX models:
120/240/220 V AC selectable, 50/60 Hz
AEP, UK, German, East European, North European models:
230 V AC, 50 / 60 Hz
Singapore, Chinese, Malaysia models:
220 - 230 V AC, 50 /60 Hz

Power consumption
Canadian model: 480 VA
Other models: 290 W

AC outlets US, Canadian, PX, Chinese models:
2 switched, total 120 W
Other models:
1 switched, maximum 100 W

Dimensions 430 × 155 × 350 mm
(17 × $6\,^{1}/_{8}$ × $13\,^{7}/_{8}$ inches) including projecting parts and controls

Mass (Approx.)
STR-DE915: 11.2 kg
(24 Ib 10oz)
TA-V909/VE910: 9.8 kg
(21 Ib 9oz)

Design and specifications are subject to change without notice.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer: Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

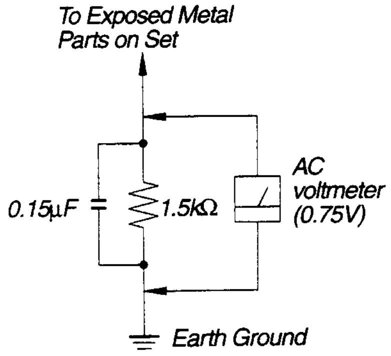

Fig. A. Using an AC voltmeter to check AC leakage.

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SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈSES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPÉMENTS PUBLIÉS PAR SONY.

SECTION 1
GENERAL

LOCATION AND FUNCTION OF CONTROLS

[FRONT PANEL]

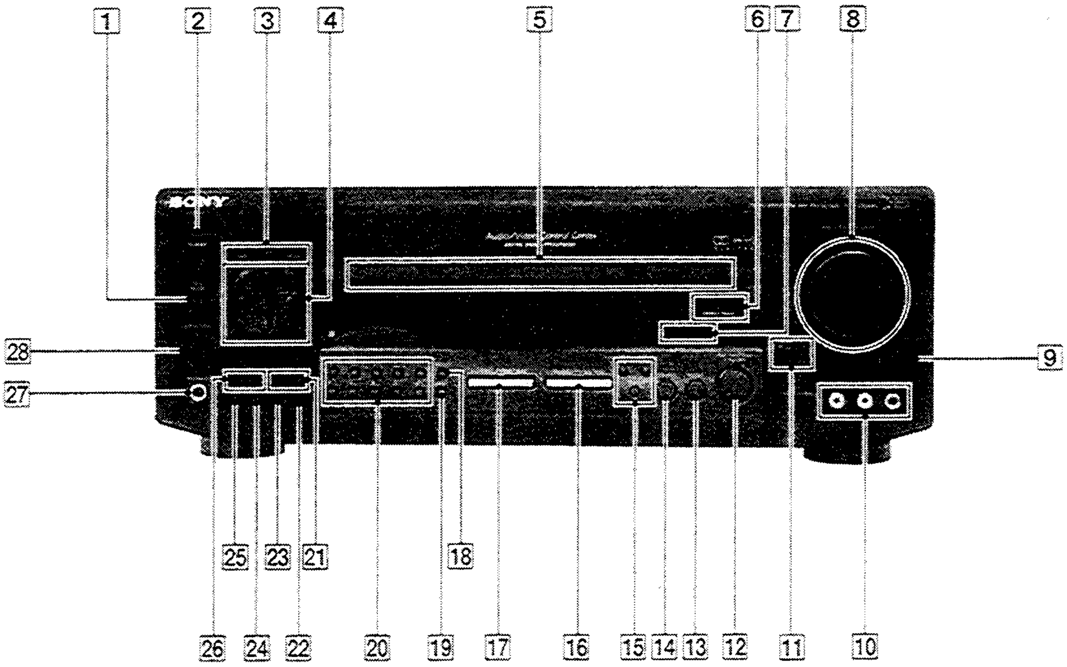


Photo : STR-DE915 (US)

1 DPC MODE button
2 POWER switch
3 SUR, TONE, INDEX indicators
4 Digital processing control buttons
5 Function indicators
6 DIRECT PASS indicator
7 DISCRETE indicator
8 MASTER VOLUME control
9 BALANCE control
10 VIDEO 3 INPUT jack
11 BASS BOOST button/indicator
12 SOUND FIELD ON/OFF button
13 MODE button
14 GENRE button
15 DIRECT PASS, SET UP, INPUT MODE buttons
16 AUDIO FUNCTION buttons
17 VIDEO FUNCTION buttons
18 DIRECT button (STR-DE915)
19 SHIFT button (STR-DE915)
20 Numeric buttons (STR-DE915)
21 PRESET TUNING +, – buttons (STR-DE915)
22 MEMORY button (STR-DE915)
23 DISPLAY button
24 FM/AM button (STR-DE915)
24 DIMMER button (TA-V909/VE910)
25 FM MODE button (STR-DE915)
26 TUNING +, – buttons (STR-DE915)
27 PHONES jack
28 SPEAKERS switch

[REAR PANEL]
STR-DE915 MODEL

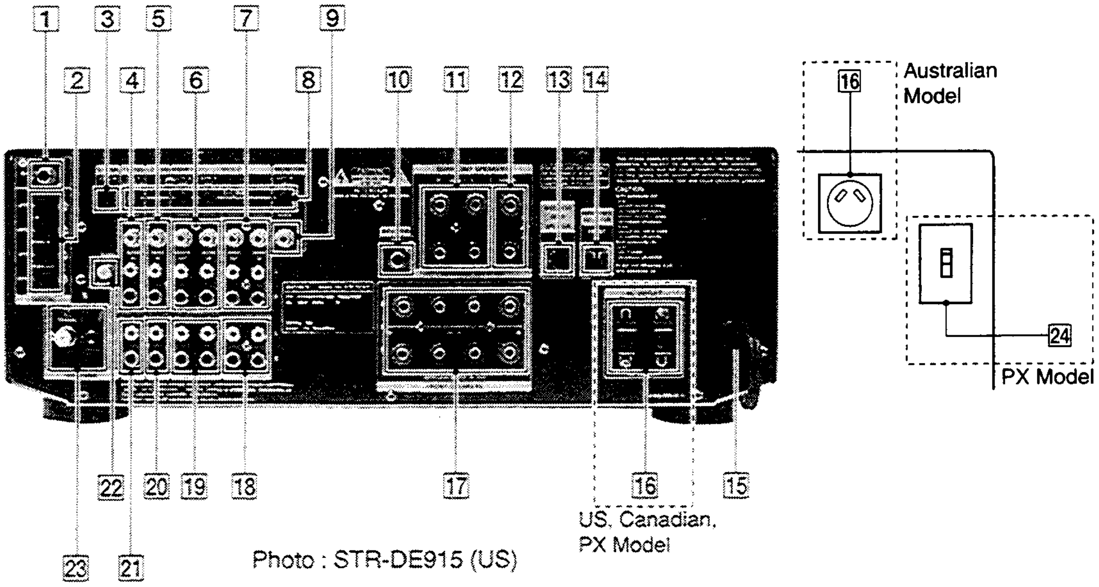
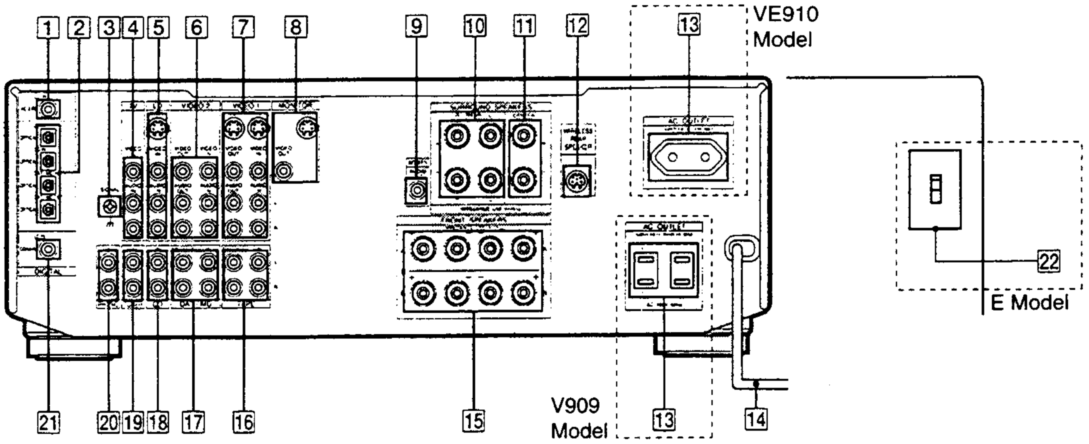

1
3
5
7
9
2
4
6
8
10
11
12
13
14
16
Australian Model
24
PX Model
22
20
19
18
17
16
15
US, Canadian, PX Model
23
21

Photo : STR-DE915 (US)

1 LD/DVD IN AC-3 RF
2 LD/DVD IN/CD/IN/DAT/MD IN/OUT OPTICAL
3 S-LINK CTRL A1 (US, Canadian model)
4 TV/DBS (US, Canadian model)
5 LD/DVS (US, Canadian model)
5 LD (PX, Australian model)
6 VIDEO 2 (US, Canadian model)
7 VIDEO 1
8 CTRL S (US, Canadian model)
9 MONITOR
10 WOOFER
11 SURROUND SPEAKERS (REAR)
12 SURROUND SPEAKERS (CENTER)
13 WIRELESS REAR SPEAKER
14 IMPEDANCE SELECTOR
15 AC power cord
16 AC OUTLET (Outlet shape and position varies according to destination)
17 FRONT SPEAKERS (A/B)
18 TAPE
19 DAT/MD
20 CD
21 PHONO
22 ⏚ SIGNALGND
23 ANTENNA (AM/FM)
24 VOLTAGE SELECTOR (PX model)

TA-V909/VE910 MODEL

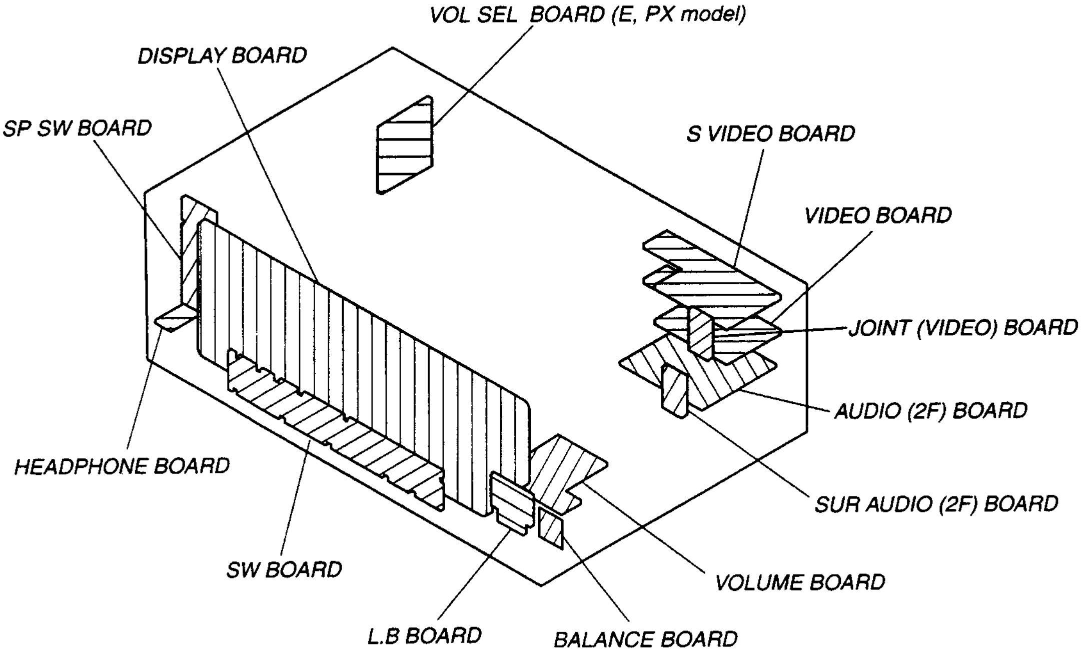

1
2
3
4
5
6
7
8
9
10
11
12
13
VE910 Model
22
E Model
21
20
19
18
17
16
15
V909 Model
13
14

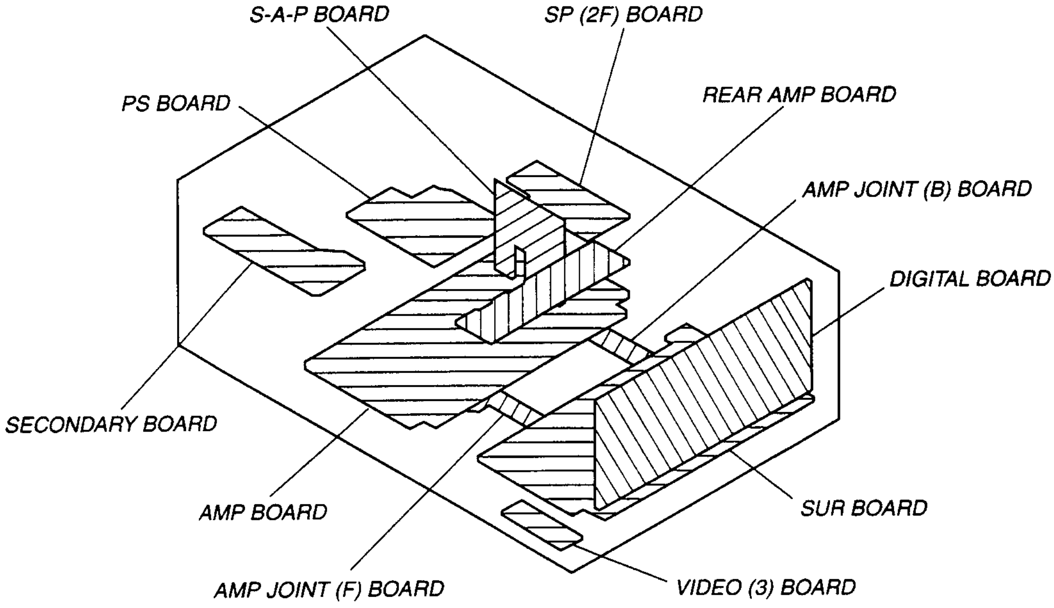
1 DVD/LD IN AC-3 RF
2 DVD/LD IN/CD IN/DAT/MD IN/OUT OPTICAL
3 ⏚ SIGNALGND
4 TV
5 LD/DVD
6 VIDEO 2
7 VIDEO 1
8 MONITOR
9 WOOFER
10 SURROUND SPEAKERS (REAR)
11 SURROUND SPEAKERS (CENTER)
12 WIRELESS REAR SPEAKER
13 AC OUTLET
14 AC power cord
15 FRONT SPEAKERS (A/B)
16 TAPE
17 DAT/MD
18 CD
19 TUNER
20 PHONO
21 DVD/LD IN COAXIAL
22 VOLTAGE SELECTOR (E model)

* : DVD (STR-DE915/TA-V909 Model)

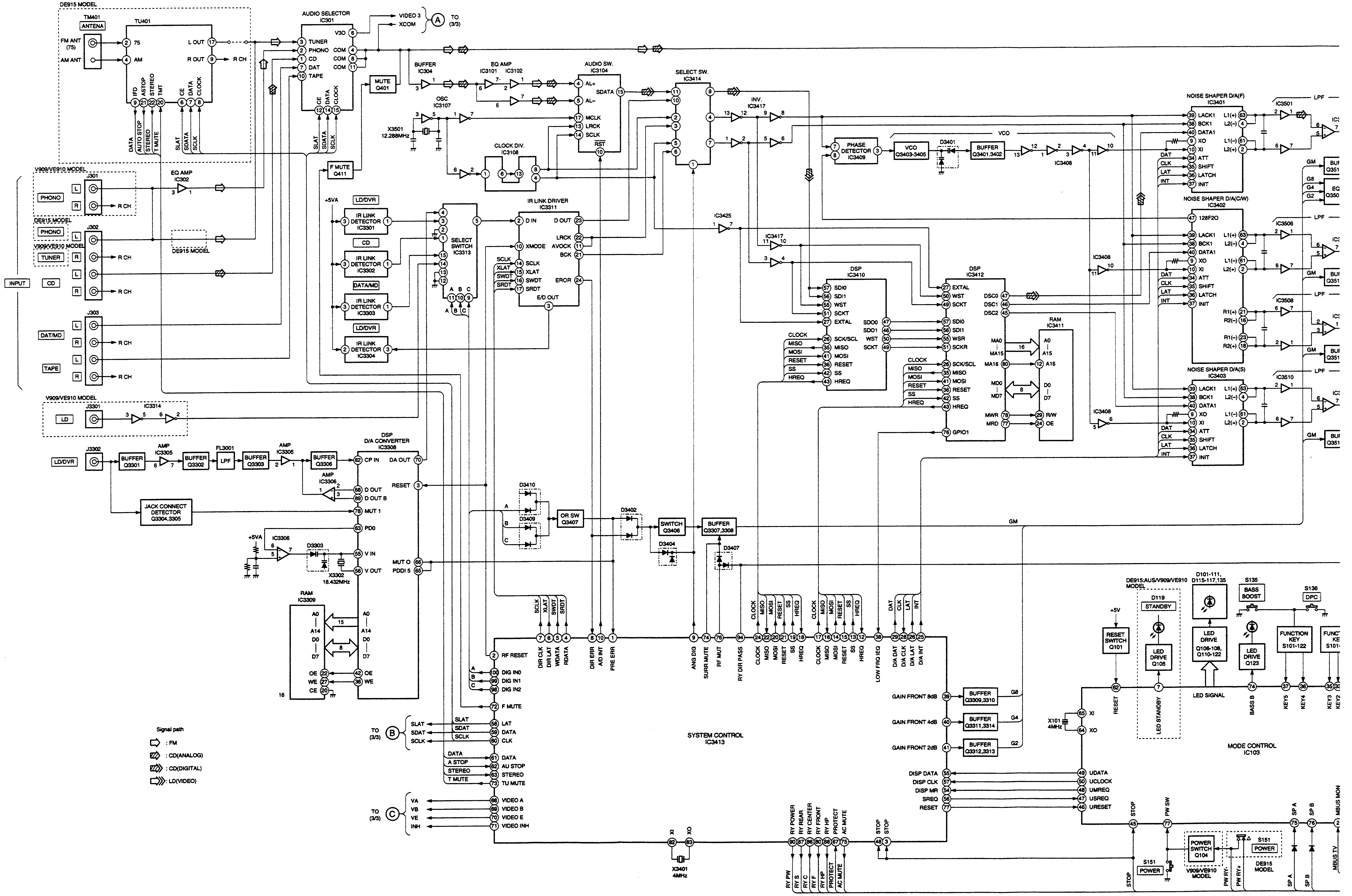
SECTION 2
DIAGRAMS

2-1. CIRCUIT BOARDS LOCATION

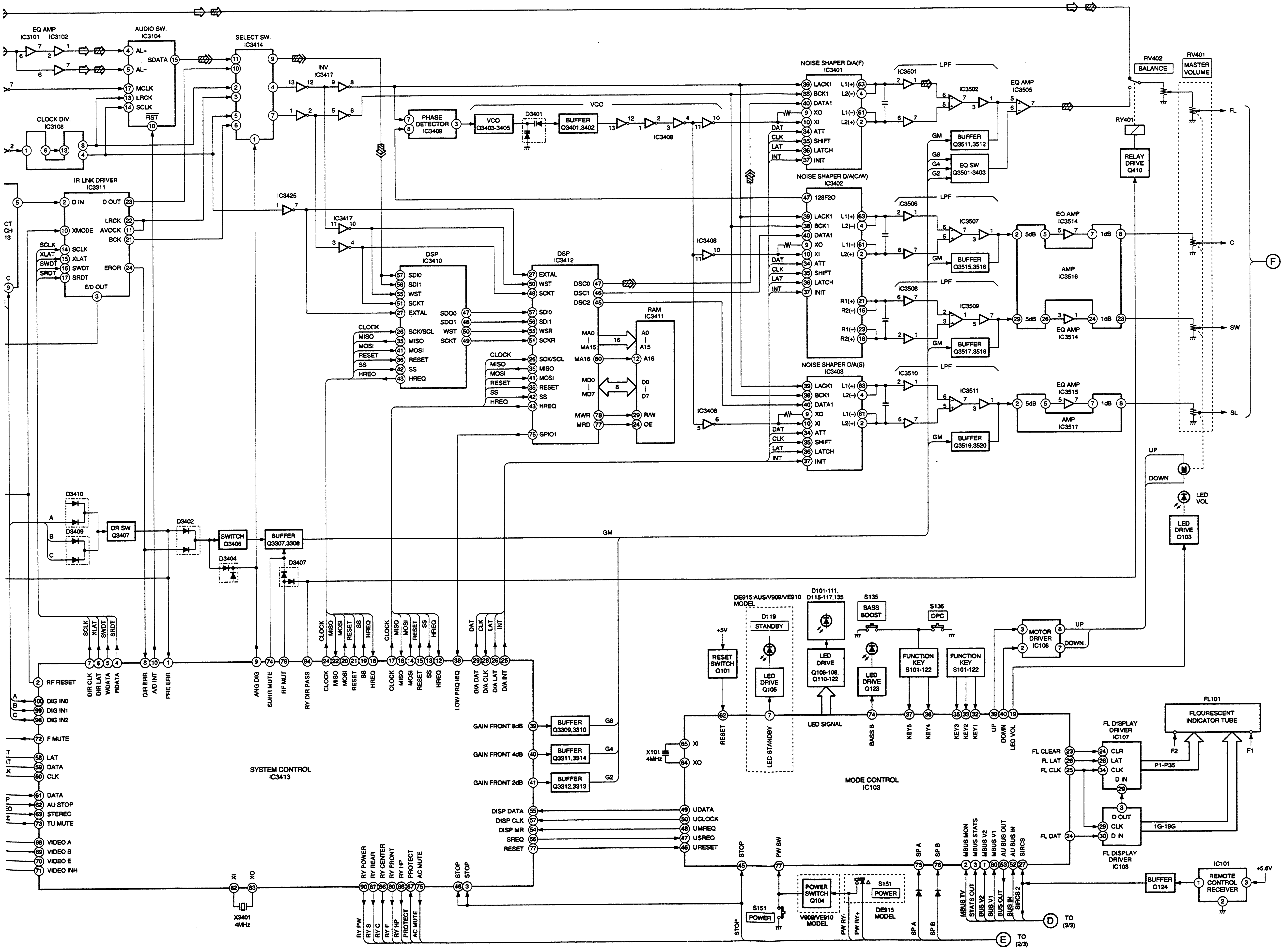

VOL SEL BOARD (E, PX model)
DISPLAY BOARD
SP SW BOARD
S VIDEO BOARD
VIDEO BOARD
JOINT (VIDEO) BOARD
AUDIO (2F) BOARD
SUR AUDIO (2F) BOARD
HEADPHONE BOARD
SW BOARD
VOLUME BOARD
L.B BOARD
BALANCE BOARD


S-A-P BOARD
SP (2F) BOARD
PS BOARD
REAR AMP BOARD
AMP JOINT (B) BOARD
DIGITAL BOARD
SECONDARY BOARD
AMP BOARD
SUR BOARD
AMP JOINT (F) BOARD
VIDEO (3) BOARD

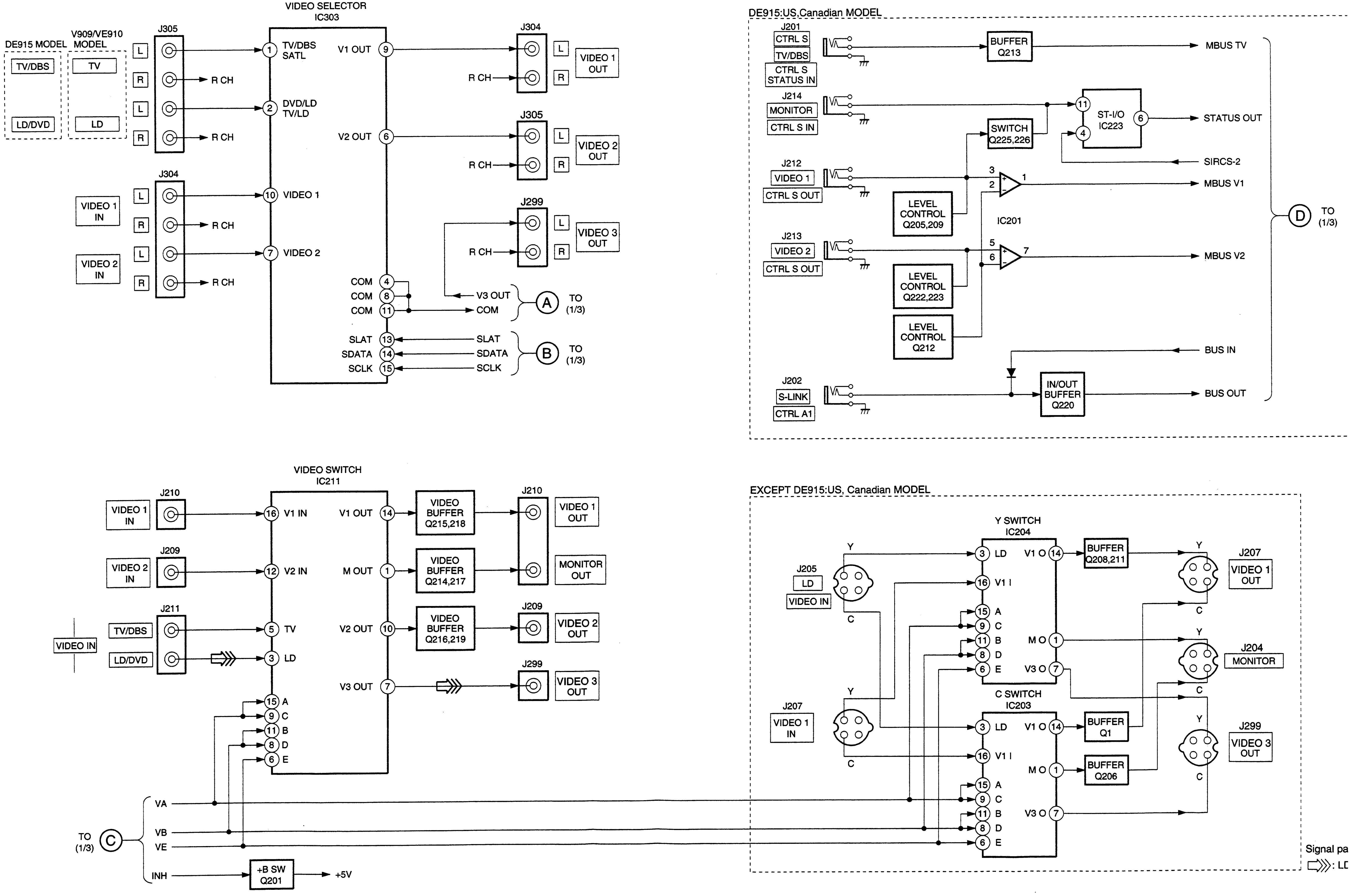
2-2. BLOCK DIAGRAM — MAIN SECTION —



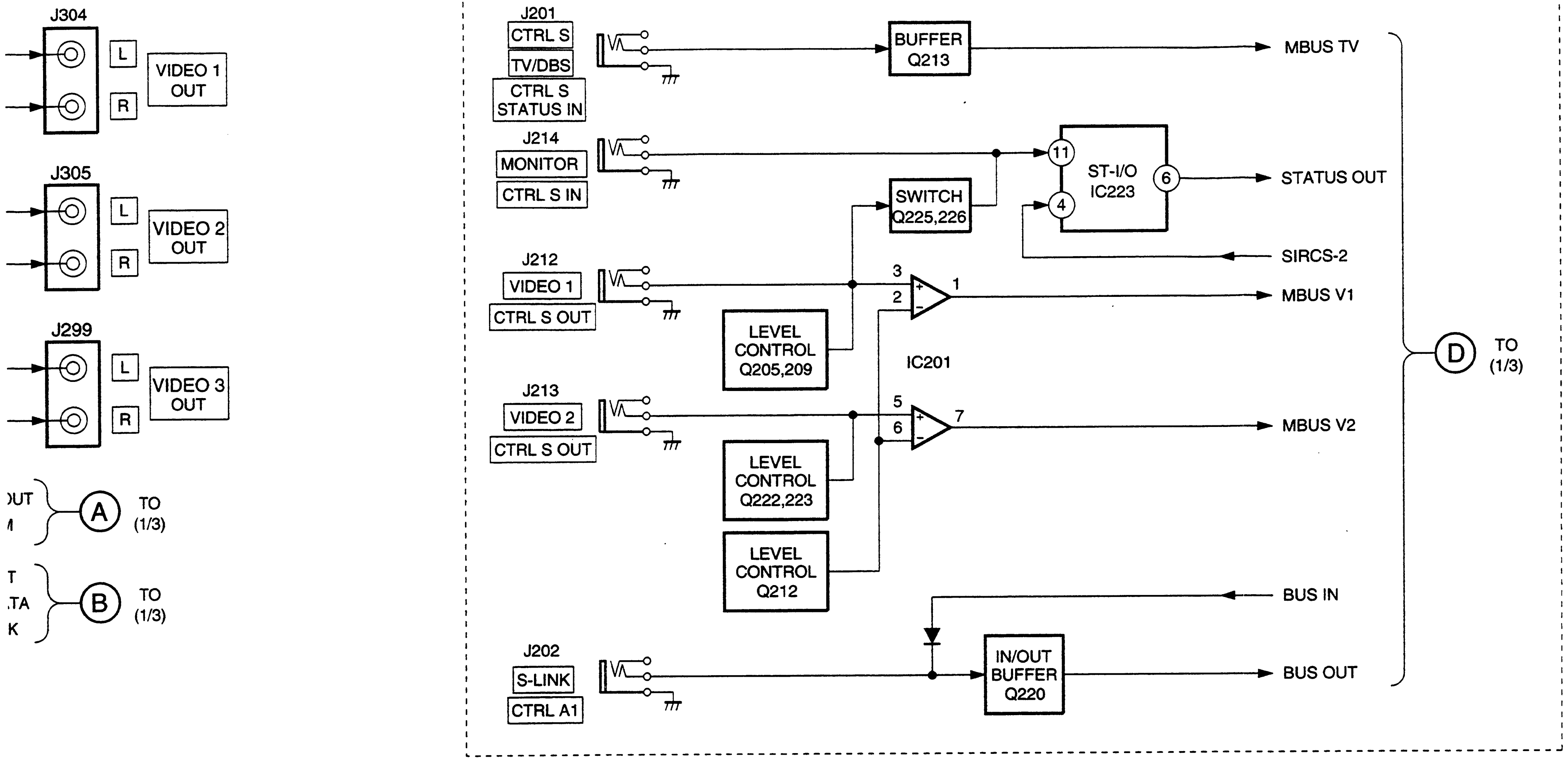
DE915 MODEL
TM401 ANTENNA
TU401
FM ANT (75)
AM ANT
L OUT
R OUT
R CH
AUDIO SELECTOR IC301
TUNER
PHONO
CD
DAT
TAPE
V3O
COM
VIDEO 3
XCOM
TO (3/3)
MUTE Q401
BUFFER IC304
EQ AMP IC3101 IC3102
AUDIO SW. IC3104
SDATA
MCLK
LRCK
SCLK
RST
OSC IC3107
X3501 12.288MHz
CLOCK DIV. IC3108
SELECT SW. IC3414
INV. IC3417
PHASE DETECTOR IC3409
VCO Q3403-3405
D3401
BUFFER Q3401,3402
IC3408
NOISE SHAPER D/A(F) IC3401
NOISE SHAPER D/A(C/W) IC3402
NOISE SHAPER D/A(S) IC3403
LACK1
BCK1
DATA1
XO
XI
ATT
SHIFT
LATCH
INIT
128F2O
LPF
IC3501
IC3506
IC3508
IC3510
GM
G8
G4
G2
V909/VE910 MODEL
J301
PHONO
EQ AMP IC3302
DE915 MODEL
J302
TUNER
CD
INPUT
J303
DAT/MD
TAPE
F MUTE Q411
+5VA
LD/DVR
IR LINK DETECTOR IC3301
IR LINK DETECTOR IC3302
IR LINK DETECTOR IC3303
IR LINK DETECTOR IC3304
DATA/MD
SELECT SWITCH IC3313
IR LINK DRIVER IC3311
D IN
D OUT
XMODE
LRCK
AVOCK
BCK
SCLK
XLAT
SWDT
SRDT
EROR
E/D OUT
IC3425
DSP IC3410
DSP IC3412
SDI0
SDI1
WST
SCKT
EXTAL
SDO0
SDO1
SCK/SCL
MISO
MOSI
RESET
SS
HREQ
CLOCK
DSC0
DSC1
DSC2
RAM IC3411
MA0
MA15
MA16
MD0
MD7
MWR
MRD
A0
A15
A16
D0
D7
R/W
OE
GPIO1
J3301
LD
IC3314
J3302
BUFFER Q3301
AMP IC3305
BUFFER Q3302
FL3001 LPF
BUFFER Q3303
BUFFER Q3306
AMP IC3306
DSP D/A CONVERTER IC3308
CP IN
DA OUT
D OUT
D OUT B
MUT 1
PDO
V IN
V OUT
MUT O
PDDI 5
JACK CONNECT DETECTOR Q3304,3305
IC3306
D3303
X3302 18.432MHz
RAM IC3309
A0
A14
WE
CE
D3410
D3409
OR SW Q3407
D3402
SWITCH Q3406
D3404
BUFFER Q3307,3308
D3407
RF RESET
DIG IN0
DIG IN1
DIG IN2
F MUTE
DIR CLK
DIR LAT
WDATA
RDATA
DIR ERR
A/D INT
PRE ERR
ANG DIG
SURR MUTE
RF MUT
RY DIR PASS
LOW FRQ IEQ
D/A DAT
D/A CLK
D/A LAT
D/A INT
SLAT
SDAT
SCLK
LAT
DATA
CLK
A STOP
AU STOP
STEREO
T MUTE
TU MUTE
VA
VB
VE
INH
VIDEO A
VIDEO B
VIDEO E
VIDEO INH
SYSTEM CONTROL IC3413
GAIN FRONT 8dB
GAIN FRONT 4dB
GAIN FRONT 2dB
BUFFER Q3309,3310
BUFFER Q3311,3314
BUFFER Q3312,3313
DISP DATA
DISP CLK
DISP MR
SREQ
RESET
XI
XO
X3401 4MHz
RY POWER
RY REAR
RY CENTER
RY FRONT
RY HP
PROTECT
AC MUTE
STOP
RY PW
RY S
RY C
RY F
RY HP
DE915:AUS/V909/VE910 MODEL
D119 STANDBY
+5V
RESET SWITCH Q101
LED DRIVE Q105
D101-111, D115-117,135
LED DRIVE Q106-108, Q110-122
LED DRIVE Q123
LED SIGNAL
LED STANDBY
S135 BASS BOOST
S136 DPC
FUNCTION KEY S101-122
BASS B
KEY5
KEY4
KEY3
KEY2
X101 4MHz
UDATA
UCLOCK
UMREQ
USREQ
URESET
MODE CONTROL IC103
PW SW
POWER SWITCH Q104
V909/VE910 MODEL
S151 POWER
DE915 MODEL
PW RY-
PW RY+
SP A
SP B
MBUS MON
MBUS TV
Signal path
: FM
: CD(ANALOG)
: CD(DIGITAL)
: LD(VIDEO)


EQ AMP IC3101 IC3102
AUDIO SW. IC3104
SELECT SW. IC3414
CLOCK DIV. IC3108
INV. IC3417
PHASE DETECTOR IC3409
VCO Q3403-3405
D3401
BUFFER Q3401,3402
VCO
IC3408
IR LINK DRIVER IC3311
IC3425
DSP IC3410
DSP IC3412
RAM IC3411
NOISE SHAPER D/A(F) IC3401
NOISE SHAPER D/A(C/W) IC3402
NOISE SHAPER D/A(S) IC3403
LPF
IC3501
IC3502
EQ AMP IC3505
IC3506
IC3507
IC3508
IC3509
IC3510
IC3511
BUFFER Q3511,3512
EQ SW Q3501-3403
BUFFER Q3515,3516
BUFFER Q3517,3518
BUFFER Q3519,3520
EQ AMP IC3514
AMP IC3516
EQ AMP IC3514
EQ AMP IC3515
AMP IC3517
RV402 BALANCE
RV401 MASTER VOLUME
RY401
RELAY DRIVE Q410
FL
C
SW
SL
TO (2/3)
UP
DOWN
LED VOL
LED DRIVE Q103
D3410
D3409
OR SW Q3407
D3402
SWITCH Q3406
BUFFER Q3307,3308
D3404
D3407
GM
SYSTEM CONTROL IC3413
BUFFER Q3309,3310
BUFFER Q3311,3314
BUFFER Q3312,3313
GAIN FRONT 8dB
GAIN FRONT 4dB
GAIN FRONT 2dB
DISP DATA
DISP CLK
DISP MR
SREQ
RESET
X3401 4MHz
RF RESET
DIG IN0
DIG IN1
DIG IN2
F MUTE
LAT
DATA
CLK
AU STOP
STEREO
TU MUTE
VIDEO A
VIDEO B
VIDEO E
VIDEO INH
DIR CLK
DIR LAT
WDATA
RDATA
DIR ERR
A/D INT
PRE ERR
ANG DIG
SURR MUTE
RF MUT
RY DIR PASS
CLOCK
MISO
MOSI
RESET
SS
HREQ
LOW FRQ IEQ
D/A DAT
D/A CLK
D/A LAT
D/A INT
RY POWER
RY REAR
RY CENTER
RY FRONT
RY HP
PROTECT
AC MUTE
STOP
RY PW
RY S
RY C
RY F
RY HP
DE915:AUS/V909/VE910 MODEL
D119 STANDBY
LED DRIVE Q105
D101-111, D115-117,135
LED DRIVE Q106-108, Q110-122
S135 BASS BOOST
LED DRIVE Q123
S136 DPC
FUNCTION KEY S101-122
FUNCTION KEY S101-122
MOTOR DRIVER IC106
+5V
RESET SWITCH Q101
X101 4MHz
LED STANDBY
LED SIGNAL
BASS B
KEY5
KEY4
KEY3
KEY2
KEY1
MODE CONTROL IC103
UDATA
UCLOCK
UMREQ
USREQ
URESET
PW SW
POWER SWITCH Q104
V909/VE910 MODEL
S151 POWER
DE915 MODEL
PW RY-
PW RY+
SP A
SP B
MBUS MON
MBUS STATS
MBUS V2
MBUS V1
AU BUS OUT
AU BUS IN
SIRCS
MBUS TV
STATS OUT
BUS V2
BUS V1
BUS OUT
BUS IN
SIRCS 2
TO (3/3)
TO (2/3)
FL101
FLOURESCENT INDICATOR TUBE
FL DISPLAY DRIVER IC107
FL DISPLAY DRIVER IC108
FL CLEAR
FL LAT
FL CLK
FL DAT
P1-P35
1G-19G
F2
F1
BUFFER Q124
IC101 REMOTE CONTROL RECEIVER
+5.6V

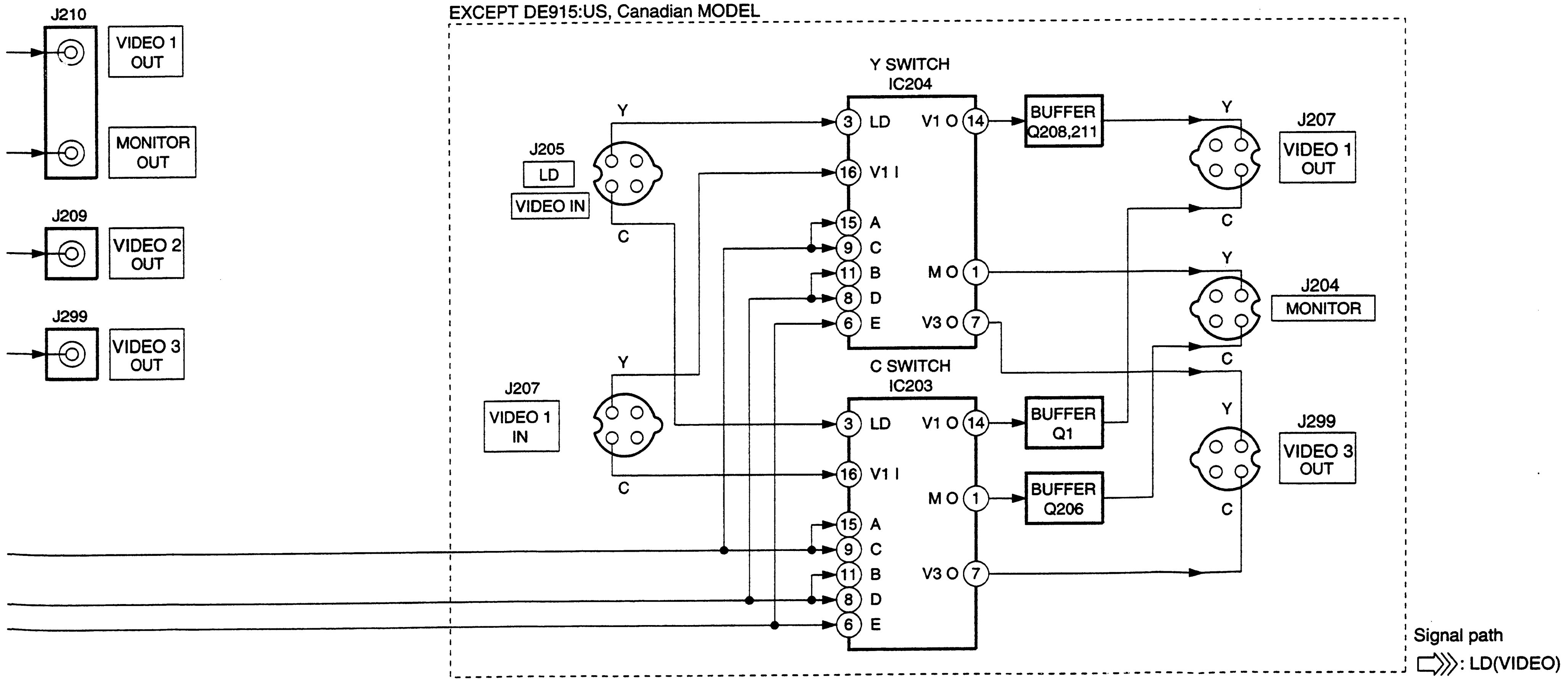
2-3. BLOCK DIAGRAM — VIDEO IN/OUT SECTION —


VIDEO SELECTOR
IC303
DE915 MODEL
V909/VE910 MODEL
TV/DBS
TV
LD/DVD
LD
J305
J304
J299
L
R
R CH
TV/DBS SATL
DVD/LD TV/LD
VIDEO 1
VIDEO 2
V1 OUT
V2 OUT
VIDEO 1 OUT
VIDEO 2 OUT
VIDEO 3 OUT
VIDEO 1 IN
VIDEO 2 IN
COM
V3 OUT
SLAT
SDATA
SCLK
TO (1/3)
A
B
C
D
DE915:US,Canadian MODEL
J201
CTRL S
TV/DBS
CTRL S STATUS IN
BUFFER Q213
MBUS TV
J214
MONITOR
CTRL S IN
SWITCH Q225,226
ST-I/O IC223
STATUS OUT
SIRCS-2
J212
CTRL S OUT
LEVEL CONTROL Q205,209
IC201
MBUS V1
J213
LEVEL CONTROL Q222,223
MBUS V2
LEVEL CONTROL Q212
BUS IN
J202
S-LINK
CTRL A1
IN/OUT BUFFER Q220
BUS OUT
VIDEO SWITCH
IC211
J210
J209
J211
V1 IN
V2 IN
TV
LD
V1 OUT
M OUT
V3 OUT
VIDEO BUFFER Q215,218
VIDEO BUFFER Q214,217
VIDEO BUFFER Q216,219
MONITOR OUT
VIDEO IN
LD/DVD
A
C
B
D
E
VA
VB
VE
INH
+B SW Q201
+5V
EXCEPT DE915:US, Canadian MODEL
Y SWITCH
IC204
BUFFER Q208,211
J207
J205
LD
VIDEO IN
Y
C
V1 O
V1 I
M O
V3 O
J204
MONITOR
C SWITCH
IC203
BUFFER Q1
BUFFER Q206
VIDEO 1 IN
VIDEO 3 OUT
Signal pa
: LD

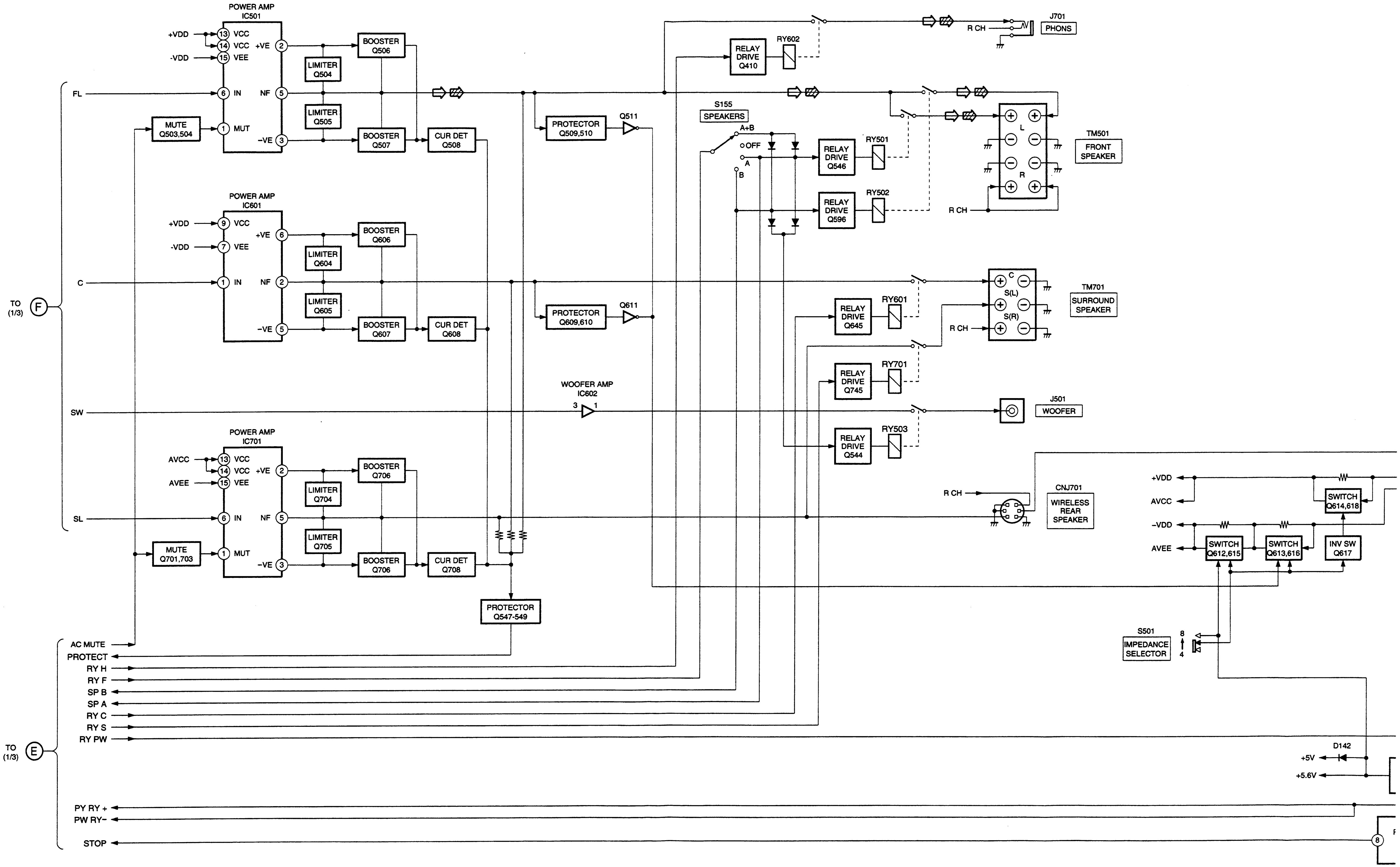
DE915:US,Canadian MODEL

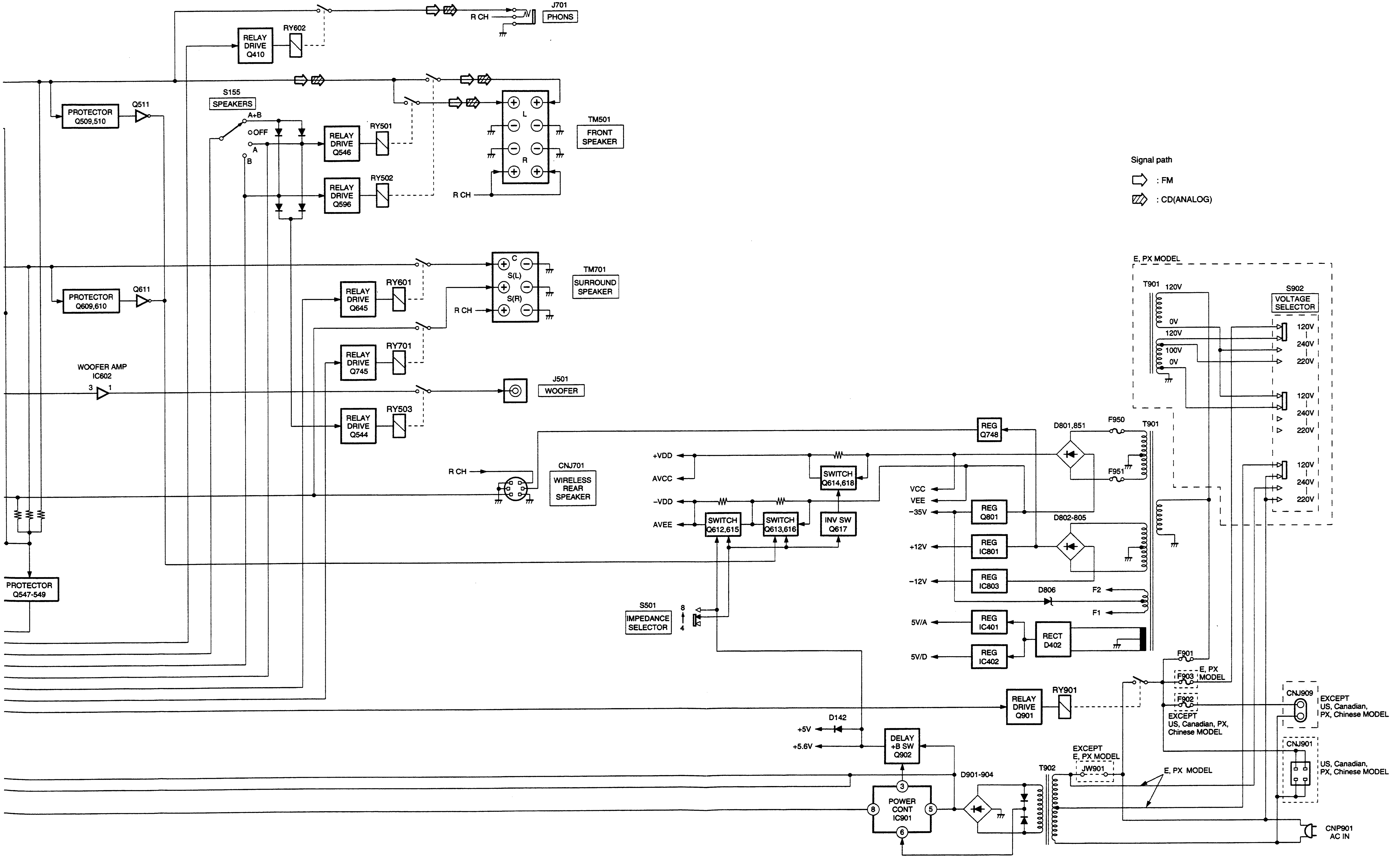

J304
L
R
VIDEO 1 OUT
J305
L
R
VIDEO 2 OUT
J299
L
R
VIDEO 3 OUT
A
TO (1/3)
B
TO (1/3)
J201
CTRL S
TV/DBS
CTRL S STATUS IN
BUFFER Q213
MBUS TV
J214
MONITOR
CTRL S IN
ST-I/O IC223
11
4
6
STATUS OUT
SWITCH Q225,226
SIRCS-2
J212
VIDEO 1
CTRL S OUT
3
2
1
MBUS V1
LEVEL CONTROL Q205,209
IC201
D
TO (1/3)
J213
VIDEO 2
CTRL S OUT
5
6
7
MBUS V2
LEVEL CONTROL Q222,223
LEVEL CONTROL Q212
BUS IN
J202
S-LINK
CTRL A1
IN/OUT BUFFER Q220
BUS OUT

EXCEPT DE915:US, Canadian MODEL

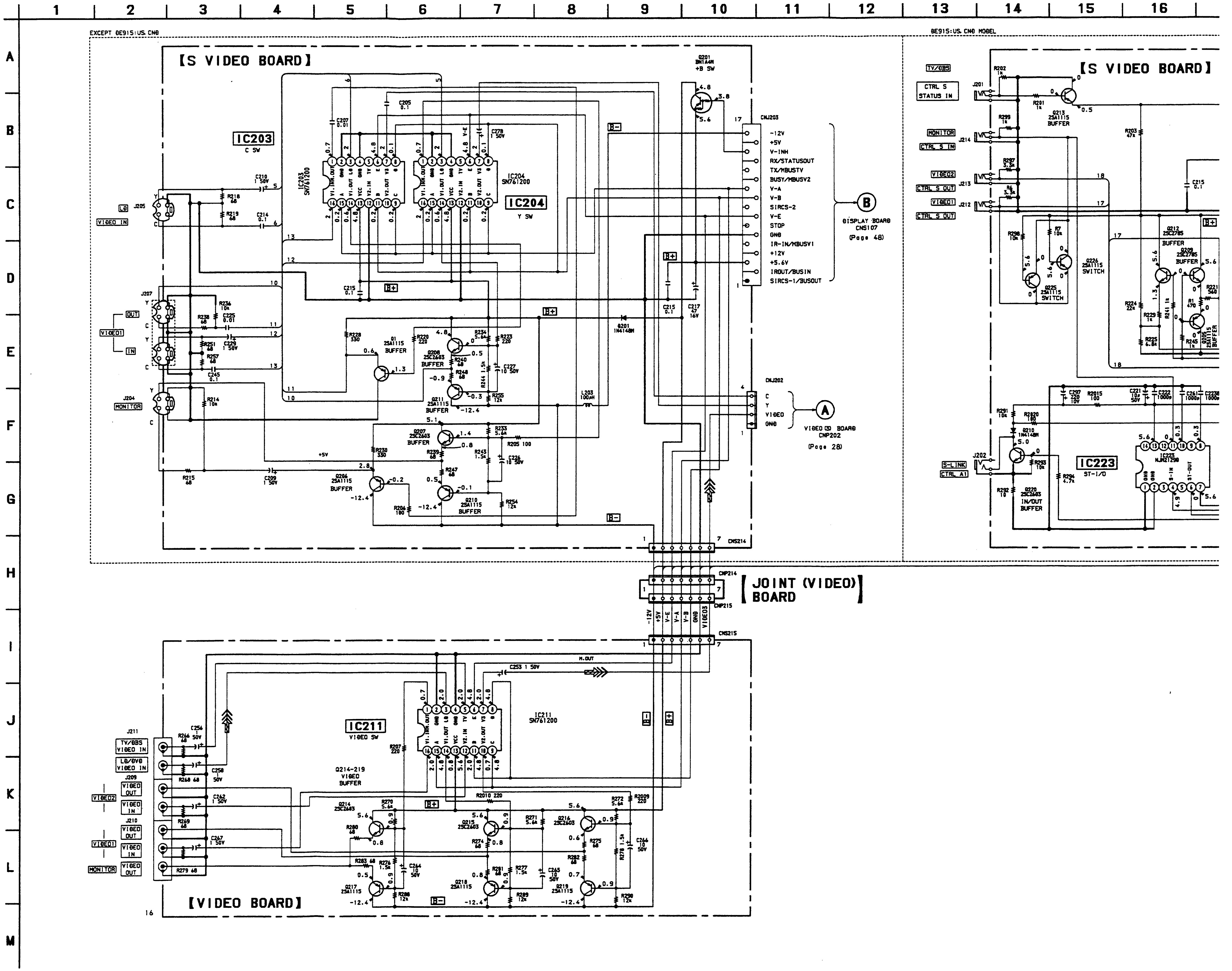

J210
VIDEO 1 OUT
MONITOR OUT
J209
VIDEO 2 OUT
J299
VIDEO 3 OUT
Y SWITCH IC204
3 LD
16 V1 I
15 A
9 C
11 B
8 D
6 E
V1 O 14
M O 1
V3 O 7
BUFFER Q208,211
J205
LD
VIDEO IN
Y
C
J207
VIDEO 1 OUT
J204
MONITOR
C SWITCH IC203
BUFFER Q1
BUFFER Q206
J207
VIDEO 1 IN
J299
VIDEO 3 OUT
Signal path
: LD(VIDEO)

2-4. BLOCK DIAGRAM —POWER SECTION —


POWER AMP
IC501
+VDD
-VDD
13 VCC
14 VCC
15 VEE
+VE 2
6 IN
NF 5
1 MUT
−VE 3
BOOSTER
Q506
LIMITER
Q504
LIMITER
Q505
BOOSTER
Q507
CUR DET
Q508
MUTE
Q503,504
FL
POWER AMP
IC601
9 VCC
7 VEE
+VE 6
1 IN
NF 2
−VE 5
BOOSTER
Q606
LIMITER
Q604
LIMITER
Q605
BOOSTER
Q607
CUR DET
Q608
C
TO
(1/3)
F
SW
WOOFER AMP
IC602
3
1
POWER AMP
IC701
AVCC
AVEE
13 VCC
14 VCC
15 VEE
+VE 2
6 IN
NF 5
1 MUT
−VE 3
BOOSTER
Q706
LIMITER
Q704
LIMITER
Q705
BOOSTER
Q706
CUR DET
Q708
MUTE
Q701,703
SL
PROTECTOR
Q509,510
Q511
PROTECTOR
Q609,610
Q611
PROTECTOR
Q547-549
RELAY
DRIVE
Q410
RY602
R CH
J701
PHONS
S155
SPEAKERS
A+B
OFF
A
B
RELAY
DRIVE
Q546
RY501
RELAY
DRIVE
Q596
RY502
L
R
R CH
TM501
FRONT
SPEAKER
C
S(L)
S(R)
R CH
TM701
SURROUND
SPEAKER
RELAY
DRIVE
Q645
RY601
RELAY
DRIVE
Q745
RY701
J501
WOOFER
RELAY
DRIVE
Q544
RY503
R CH
CNJ701
WIRELESS
REAR
SPEAKER
+VDD
AVCC
-VDD
AVEE
SWITCH
Q614,618
SWITCH
Q612,615
SWITCH
Q613,616
INV SW
Q617
S501
IMPEDANCE
SELECTOR
8
4
AC MUTE
PROTECT
RY H
RY F
SP B
SP A
RY C
RY S
RY PW
TO
(1/3)
E
D142
+5V
+5.6V
PY RY +
PW RY−
STOP
8

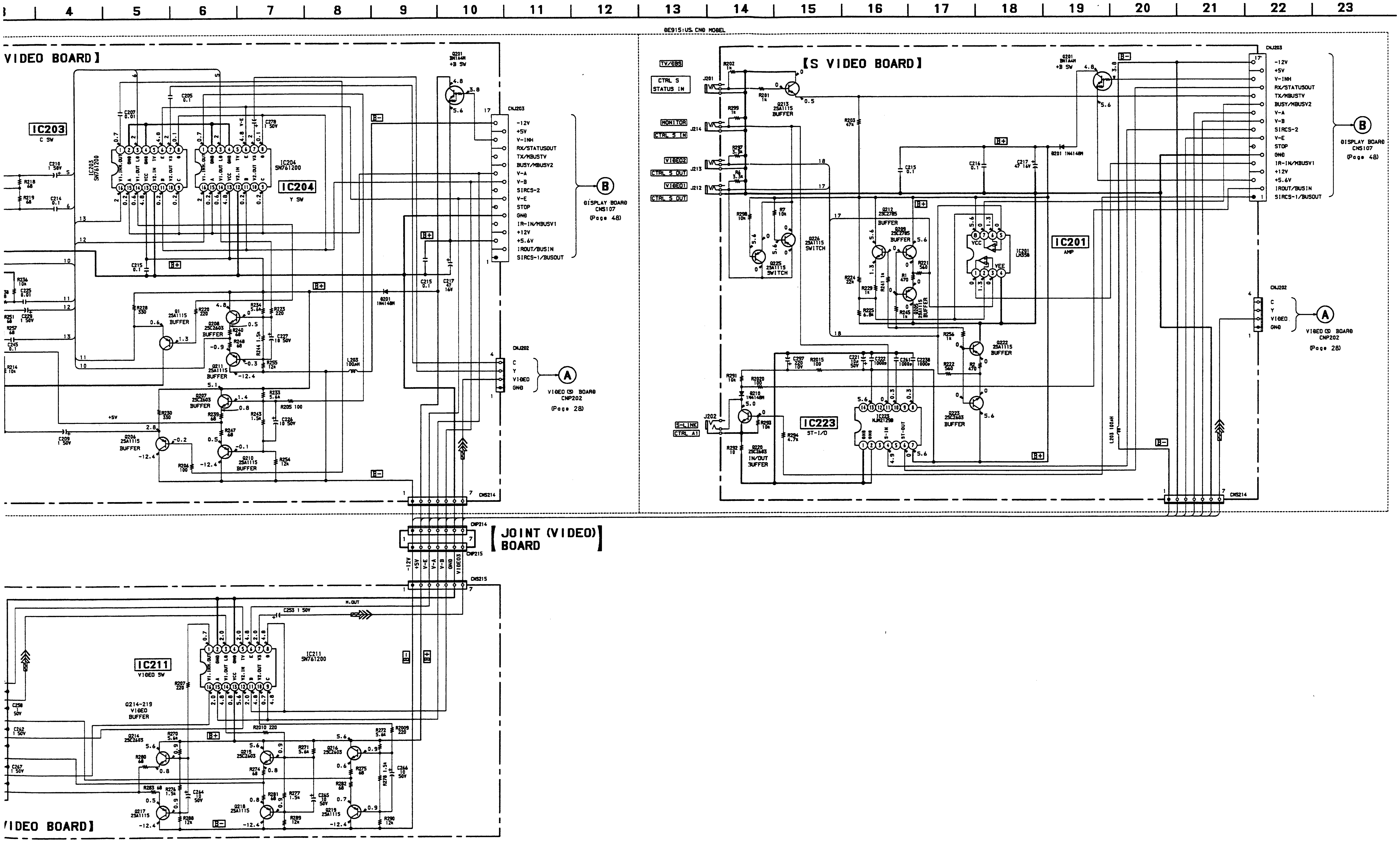

J701
PHONS
R CH
RELAY DRIVE Q410
RY602
PROTECTOR Q509,510
Q511
S155
SPEAKERS
A+B
OFF
A
B
RELAY DRIVE Q546
RY501
RELAY DRIVE Q596
RY502
L
R
TM501
FRONT SPEAKER
R CH
Signal path
⇨ : FM
▨ : CD(ANALOG)
PROTECTOR Q609,610
Q611
C
S(L)
S(R)
TM701
SURROUND SPEAKER
RELAY DRIVE Q645
RY601
R CH
RELAY DRIVE Q745
RY701
WOOFER AMP IC602
3
1
J501
WOOFER
RELAY DRIVE Q544
RY503
R CH
CNJ701
WIRELESS REAR SPEAKER
PROTECTOR Q547-549
E, PX MODEL
T901
120V
0V
120V
100V
0V
S902
VOLTAGE SELECTOR
120V
240V
220V
120V
240V
220V
120V
240V
220V
REG Q748
D801,851
F950
T901
F951
+VDD
AVCC
-VDD
AVEE
SWITCH Q614,618
SWITCH Q612,615
SWITCH Q613,616
INV SW Q617
VCC
VEE
-35V
REG Q801
D802-805
+12V
REG IC801
-12V
REG IC803
D806
F2
F1
S501
IMPEDANCE SELECTOR
8
4
5V/A
REG IC401
RECT D402
5V/D
REG IC402
F901
E, PX MODEL
F903
CNJ909
EXCEPT US, Canadian, PX, Chinese MODEL
RELAY DRIVE Q901
RY901
F902
EXCEPT US, Canadian, PX, Chinese MODEL
D142
+5V
+5.6V
DELAY +B SW Q902
CNJ901
US, Canadian, PX, Chinese MODEL
EXCEPT E, PX MODEL
JW901
T902
D901-904
E, PX MODEL
POWER CONT IC901
3
8
5
6
CNP901
AC IN

2-5. SCHEMATIC DIAGRAM — VIDEO SECTION —


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
A B C D E F G H I J K L M
EXCEPT DE915:US, CND
DE915:US, CND MODEL
[S VIDEO BOARD]
IC203
C SW
IC203 SN761200
IC204 SN761200
IC204
Y SW
Q201 DN1A4M +B SW
CNJ203
-12V
+5V
V-INH
RX/STATUSOUT
TX/MBUSTV
BUSY/MBUSV2
V-A
V-B
SIRCS-2
V-E
STOP
GND
IR-IN/MBUSV1
+12V
+5.6V
IROUT/BUSIN
SIRCS-1/BUSOUT
B
DISPLAY BOARD CNS107 (Page 48)
CNJ202
C
Y
VIDEO
GND
A
VIDEO (3) BOARD CNP202 (Page 28)
LD VIDEO IN
J205
J207
VIDEO1 OUT IN
J204 MONITOR
Q1 2SA1115 BUFFER
Q208 2SC2603 BUFFER
Q211 2SA1115 BUFFER
Q207 2SC2603 BUFFER
Q206 2SA1115 BUFFER
Q210 2SA1115 BUFFER
D201 1N4148M
L203 100µH
CNS214
CNP214
CNP215
[JOINT (VIDEO) BOARD]
-12V
+5V
V-E
V-A
V-B
GND
VIDEO3
CNS215
[VIDEO BOARD]
IC211
VIDEO SW
IC211 SN761200
Q214-219 VIDEO BUFFER
J211 TV/DBS VIDEO IN
LD/DVD VIDEO IN
J209 VIDEO2 VIDEO OUT VIDEO IN
J210 VIDEO1 VIDEO OUT VIDEO IN
MONITOR VIDEO OUT
Q214 2SC2603
Q215 2SC2603
Q216 2SC2603
Q217 2SA1115
Q218 2SA1115
Q219 2SA1115
M.OUT
C253 1 50V
TV/DBS
CTRL S STATUS IN
MONITOR CTRL S IN
VIDEO2 CTRL S OUT
VIDEO1 CTRL S OUT
J201 J214 J213 J212
Q213 2SA1115 BUFFER
Q212 2SC2785 BUFFER
Q209 2SC2785 BUFFER
Q226 2SA1115 SWITCH
Q225 2SA1115 SWITCH
Q205 2SA1115 BUFFER
S-LINK CTRL A1
J202
Q210 1N4148M
Q220 2SC2603 IN/OUT BUFFER
IC223
ST-I/O
IC223 NJM2129B

Note :

- All capacitors are in µF unless otherwise noted. pF: µµF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- ☐ : panel designation.
- B+ : B+ Line.
- B– : B– Line.
- Voltage is measured with respect to ground under no-signal conditions.
- Voltages are reference value measured by a VOM (10MΩ/V).
- Signal path
  ➡ : LD (VIDEO)
- Abbreviation
  CND : Canadian


3
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5
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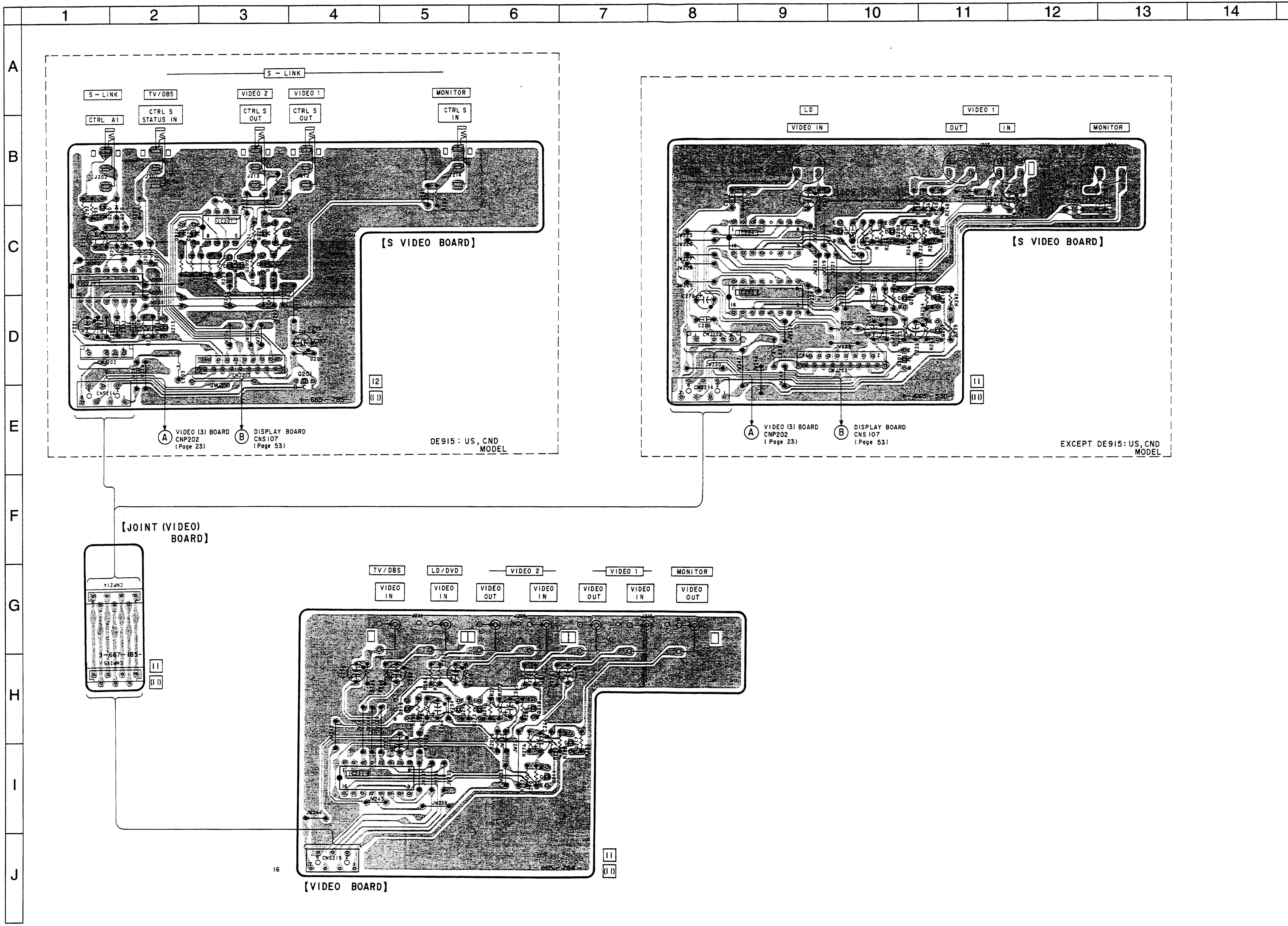
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
8E915:US, CND MODEL
VIDEO BOARD]
IC203
C SW
IC204
Y SW
IC204 SN761200
IC203 SN761200
Q201 BN1A4M +B SW
CNJ203
-12V
+5V
V-INH
RX/STATUSOUT
TX/MBUSTV
BUSY/MBUSV2
V-A
V-B
SIRCS-2
V-E
STOP
GND
IR-IN/MBUSV1
+12V
+5.6V
IROUT/BUSIN
SIRCS-1/BUSOUT
B
DISPLAY BOARD CNS107 (Page 48)
CNJ202
C
Y
VIDEO
GND
A
VIDEO CD BOARD CNP202 (Page 28)
Q1 2SA1115 BUFFER
Q208 2SC2603 BUFFER
Q211 2SA1115 BUFFER
Q207 2SC2603 BUFFER
Q204 2SA1115 BUFFER
Q210 2SA1115 BUFFER
D201 1N4148M
L203 100μH
B+
B-
CNS214
[S VIDEO BOARD]
TV/DBS
CTRL S STATUS IN
MONITOR
CTRL S IN
VIDEO2
CTRL S OUT
VIDEO1
CTRL S OUT
J201
J214
J213
J212
Q213 2SA1115 BUFFER
Q212 2SC2785 BUFFER
Q209 2SC2785 BUFFER
Q226 2SA1115 SWITCH
Q225 2SA1115 SWITCH
Q205 2SA1115 BUFFER
IC201 LM358
IC201
AMP
Q222 2SA1115 BUFFER
Q223 2SC2603 BUFFER
IC223
ST-I/O
IC223 NJM2129M
J202
S-LINK
CTRL A1
Q220 2SC2603 IN/OUT BUFFER
D210 1N4148M
L203 100μH
[JOINT (VIDEO) BOARD]
CNP214
CNP215
CNS215
-12V
+5V
V-E
V-A
V-B
GND
VIDEO3
H.OUT
C253 1 50V
IC211
VIDEO SW
IC211 SN761200
Q214-219 VIDEO BUFFER
Q214 2SC2603
Q215 2SC2603
Q216 2SC2603
Q217 2SA1115
Q218 2SA1115
Q219 2SA1115
VIDEO BOARD]

2-6. PRINTED WIRING BOARD — VIDEO SECTION —


1
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9
10
11
12
13
14
15
A
B
C
D
E
F
G
H
I
J
S - LINK
S - LINK
CTRL A1
TV/DBS
CTRL S STATUS IN
VIDEO 2
CTRL S OUT
VIDEO 1
CTRL S OUT
MONITOR
CTRL S IN
J202
J213
J212
J214
IC201
Q201
CN202
CN203
CNS214
JW250
[S VIDEO BOARD]
12
(11)
1-665-785
Ⓐ VIDEO (3) BOARD CNP202 (Page 23)
Ⓑ DISPLAY BOARD CNS107 (Page 53)
DE915 : US, CND MODEL
LD
VIDEO IN
VIDEO 1
OUT
IN
MONITOR
[S VIDEO BOARD]
11
(11)
1-665-530
Ⓐ VIDEO (3) BOARD CNP202 (Page 23)
Ⓑ DISPLAY BOARD CNS107 (Page 53)
EXCEPT DE915: US, CND MODEL
[JOINT (VIDEO) BOARD]
CNP214
CNP215
1-667-885-
11
(11)
TV/DBS
VIDEO IN
LD/DVD
VIDEO IN
VIDEO 2
VIDEO OUT
VIDEO IN
VIDEO 1
VIDEO OUT
VIDEO IN
MONITOR
VIDEO OUT
CNS215
16
11
(11)
1-665-784
[VIDEO BOARD]

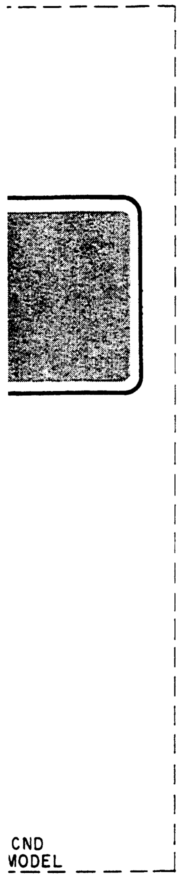
• Semiconductor Location

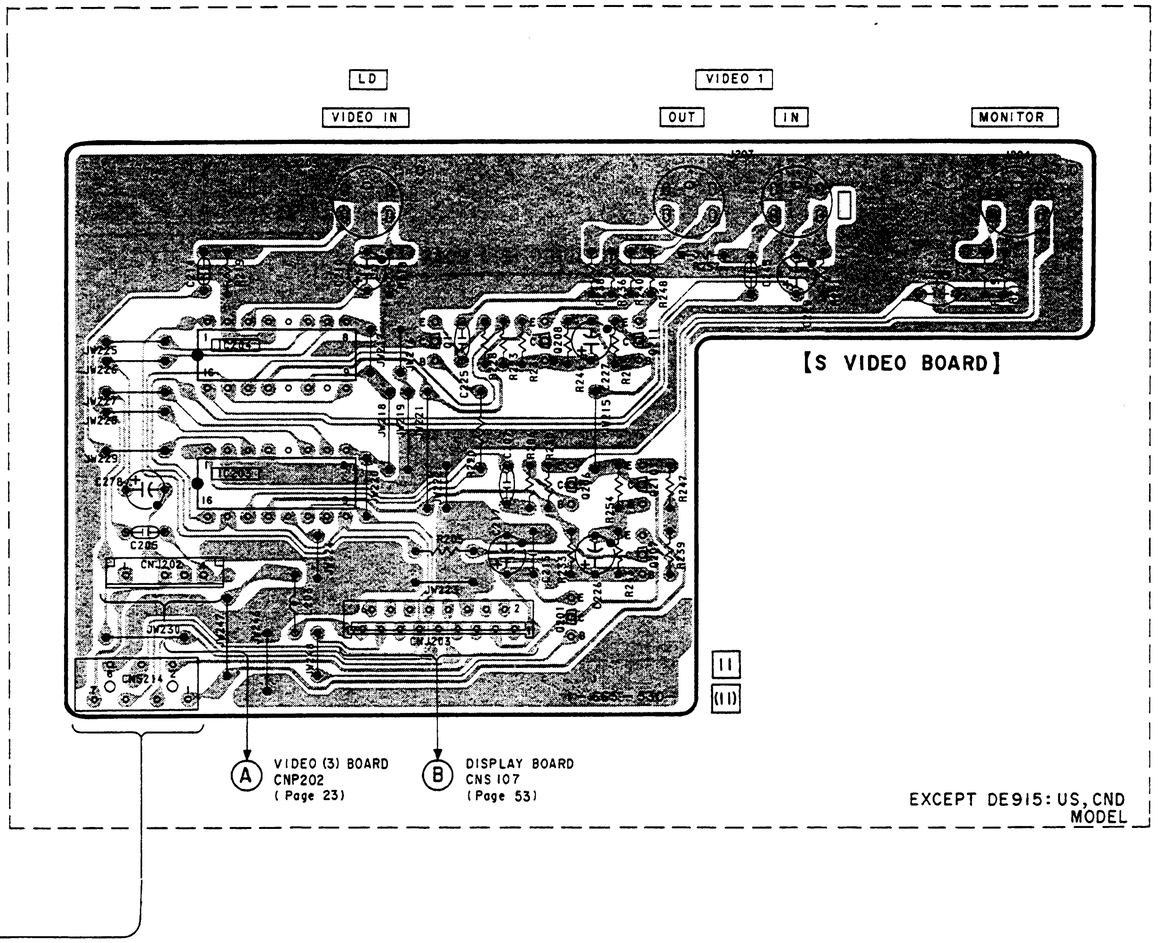
Ref. No.	Location
D201	D-4
D210	C-2
IC201	C-3
IC203	C-9
IC204	C-9
IC211	I-4
IC223	C-1
Q1	C-10
Q201	D-10
Q201	D-4
Q205	C-3
Q206	D-11
Q207	D-11
Q208	C-10
Q209	C-3
Q210	D-11
Q211	C-11
Q212	C-3
Q213	D-2
Q214	I-6
Q215	H-6
Q216	H-5
Q217	H-7
Q218	H-8
Q219	H-5
Q220	C-2
Q222	C-3
Q223	C-3
Q225	C-2
Q226	C-2

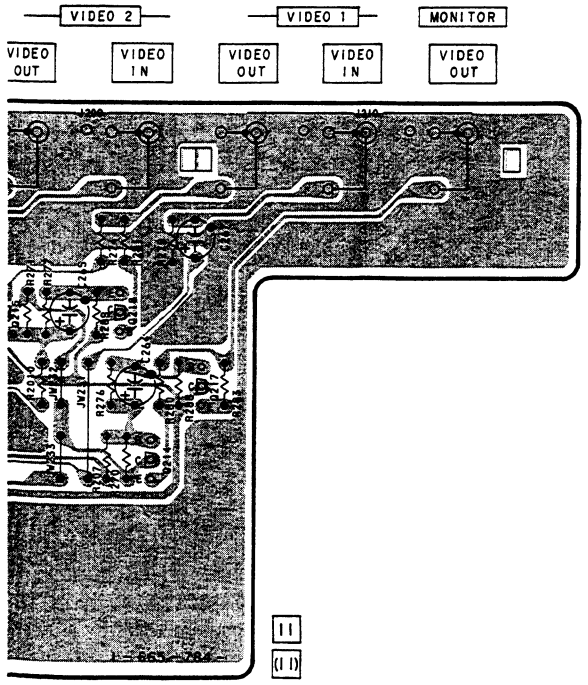
Note :

- ○—— : parts extra
- ▨ : pattern on
- Abbreviation
  CND : Canadian

6	7	8	9	10	11	12	13	14	15	16




LD
VIDEO IN
VIDEO 1
OUT
IN
MONITOR
[S VIDEO BOARD]
II
(II)
A VIDEO (3) BOARD CNP202 (Page 23)
B DISPLAY BOARD CNS107 (Page 53)
EXCEPT DE915: US, CND MODEL


VIDEO 2
VIDEO 1
MONITOR
VIDEO OUT
VIDEO IN
VIDEO OUT
VIDEO IN
VIDEO OUT
II
(II)

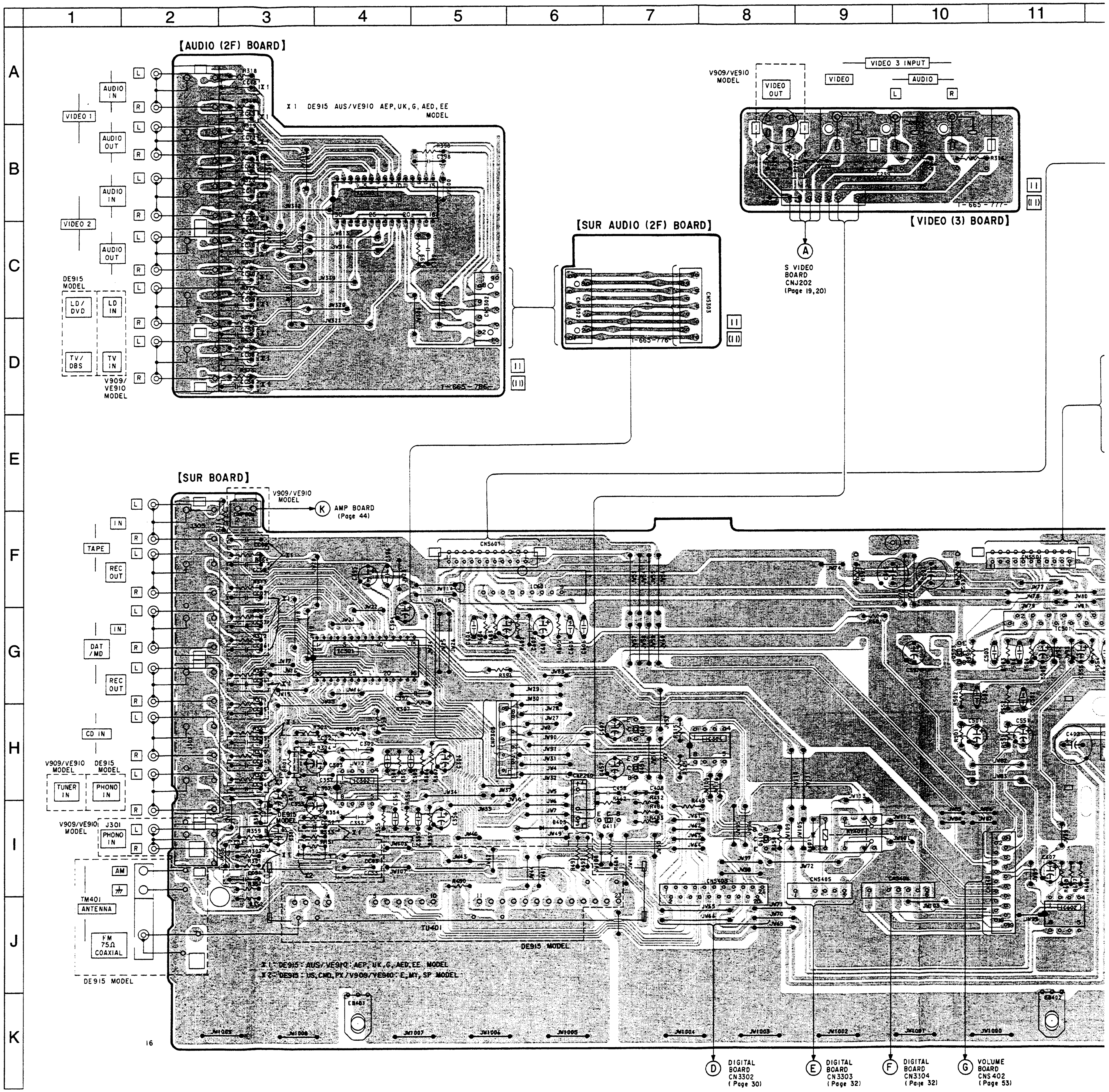
- **Semiconductor Location**

Ref. No.	Location
D201	D-4
D210	C-2
IC201	C-3
IC203	C-9
IC204	C-9
IC211	I-4
IC223	C-1
Q1	C-10
Q201	D-10
Q201	D-4
Q205	C-3
Q206	D-11
Q207	D-11
Q208	C-10
Q209	C-3
Q210	D-11
Q211	C-11
Q212	C-3
Q213	D-2
Q214	I-6
Q215	H-6
Q216	H-5
Q217	H-7
Q218	H-8
Q219	H-5
Q220	C-2
Q222	C-3
Q223	C-3
Q225	C-2
Q226	C-2

Note :

- ○—— : parts extracted from the component side.
- ▨ : pattern on the side which is seen.
- Abbreviation
  CND : Canadian

2-7. PRINTED WIRING BOARD — SURROUND SECTION —


1
2
3
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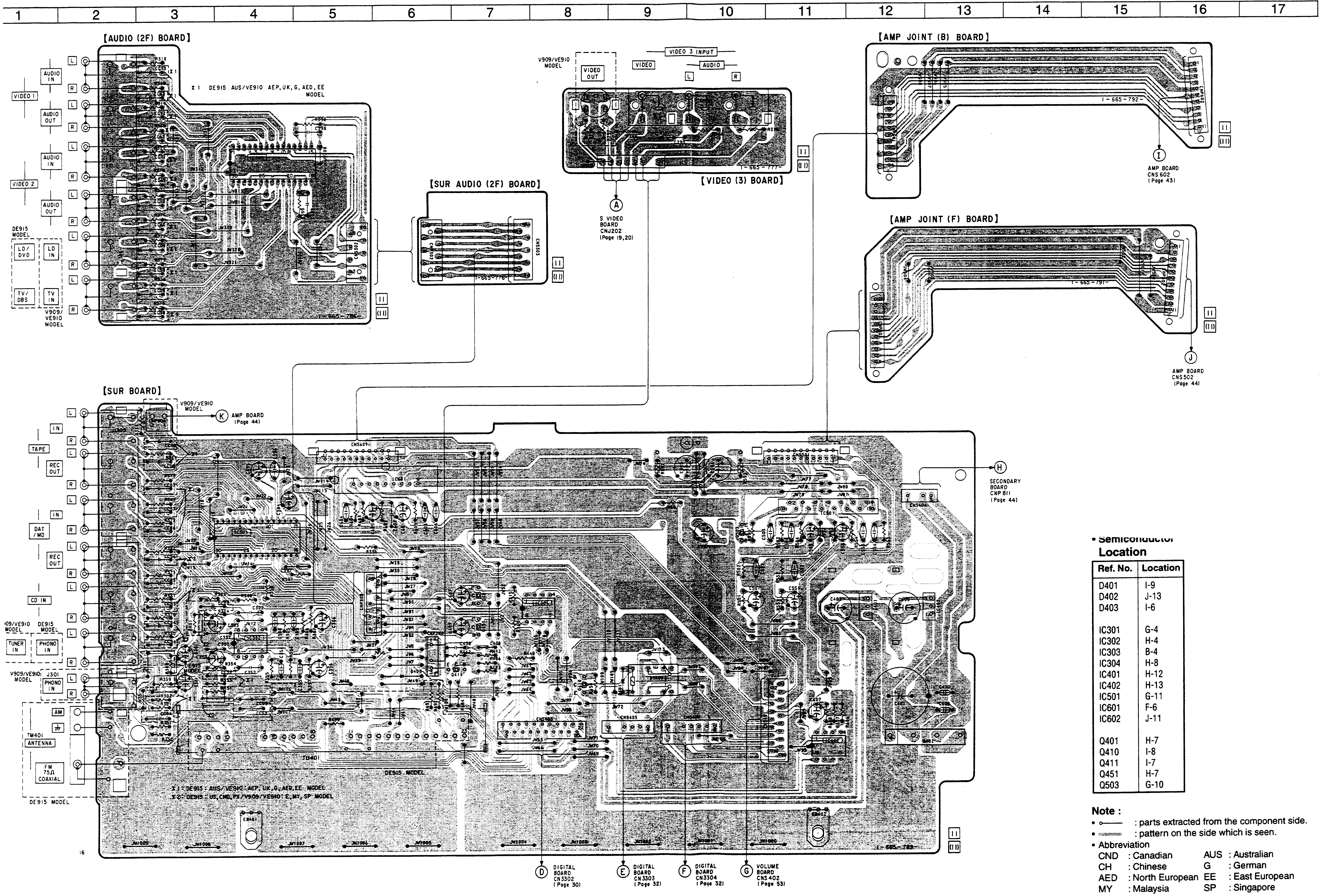
5
6
7
8
9
10
11
A
B
C
D
E
F
G
H
I
J
K
[AUDIO (2F) BOARD]
※1 DE915 AUS/VE910 AEP,UK,G,AED,EE MODEL
VIDEO 1
AUDIO IN
AUDIO OUT
VIDEO 2
AUDIO IN
AUDIO OUT
DE915 MODEL
LD/DVD
LD IN
TV/DBS
TV IN
V909/VE910 MODEL
L
R
1-665-786-
[SUR AUDIO (2F) BOARD]
CN3302
CN3303
1-665-776-
V909/VE910 MODEL
VIDEO OUT
VIDEO 3 INPUT
VIDEO
AUDIO
[VIDEO (3) BOARD]
1-665-777-
A
S VIDEO BOARD CNJ202 (Page 19,20)
[SUR BOARD]
V909/VE910 MODEL
K AMP BOARD (Page 44)
IN
TAPE
REC OUT
DAT/MD
CD IN
V909/VE910 MODEL
DE915 MODEL
TUNER IN
PHONO IN
J301
AM
TM401
ANTENNA
FM 75Ω COAXIAL
DE915 MODEL
CN5601
CN5501
CN5403
CN5405
CN5406
TU401
DE915 MODEL
※1 : DE915 : AUS/VE910 : AEP, UK, G, AED, EE MODEL
※2 : DE915 : US, CND, PX/V909/VE910 : E, MY, SP MODEL
EB401
EB402
16
D DIGITAL BOARD CN3302 (Page 30)
E DIGITAL BOARD CN3303 (Page 32)
F DIGITAL BOARD CN3304 (Page 32)
G VOLUME BOARD CN5402 (Page 53)

RINTED WIRING BOARD — SURROUND SECTION —


1
2
3
4
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6
7
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9
10
11
12
13
14
15
16
17
[AUDIO (2F) BOARD]
※1 DE915 AUS/VE910 AEP, UK, G, AED, EE MODEL
VIDEO 1
AUDIO IN
AUDIO OUT
VIDEO 2
AUDIO IN
AUDIO OUT
DE915 MODEL
LD/DVD
LD IN
TV/DBS
TV IN
V909/VE910 MODEL
L
R
1-665-786-
[SUR AUDIO (2F) BOARD]
CN5303
1-665-776-
V909/VE910 MODEL
VIDEO OUT
VIDEO 3 INPUT
VIDEO
AUDIO
[VIDEO (3) BOARD]
1-665-777-
A
S VIDEO BOARD CNJ202 (Page 19,20)
[AMP JOINT (B) BOARD]
1-665-792-
I
AMP BOARD CNS602 (Page 43)
[AMP JOINT (F) BOARD]
1-665-791-
J
AMP BOARD CNS502 (Page 44)
[SUR BOARD]
V909/VE910 MODEL
K
AMP BOARD (Page 44)
IN
TAPE
REC OUT
IN
DAT/MD
REC OUT
CD IN
V909/VE910 MODEL
DE915 MODEL
TUNER IN
PHONO IN
V909/VE910 MODEL
J301
PHONO IN
AM
TM401
ANTENNA
FM 75Ω COAXIAL
DE915 MODEL
DE915 MODEL
※1 : DE915 : AUS/VE910 : AEP, UK, G, AED, EE MODEL
※2 : DE915 : US, CND, PX/V909/VE910 : E, MY, SP MODEL
H
SECONDARY BOARD CNP811 (Page 44)
1-665-785-
D
DIGITAL BOARD CN3302 (Page 30)
E
DIGITAL BOARD CN3303 (Page 32)
F
DIGITAL BOARD CN3304 (Page 32)
G
VOLUME BOARD CNS402 (Page 53)

• Semiconductor Location

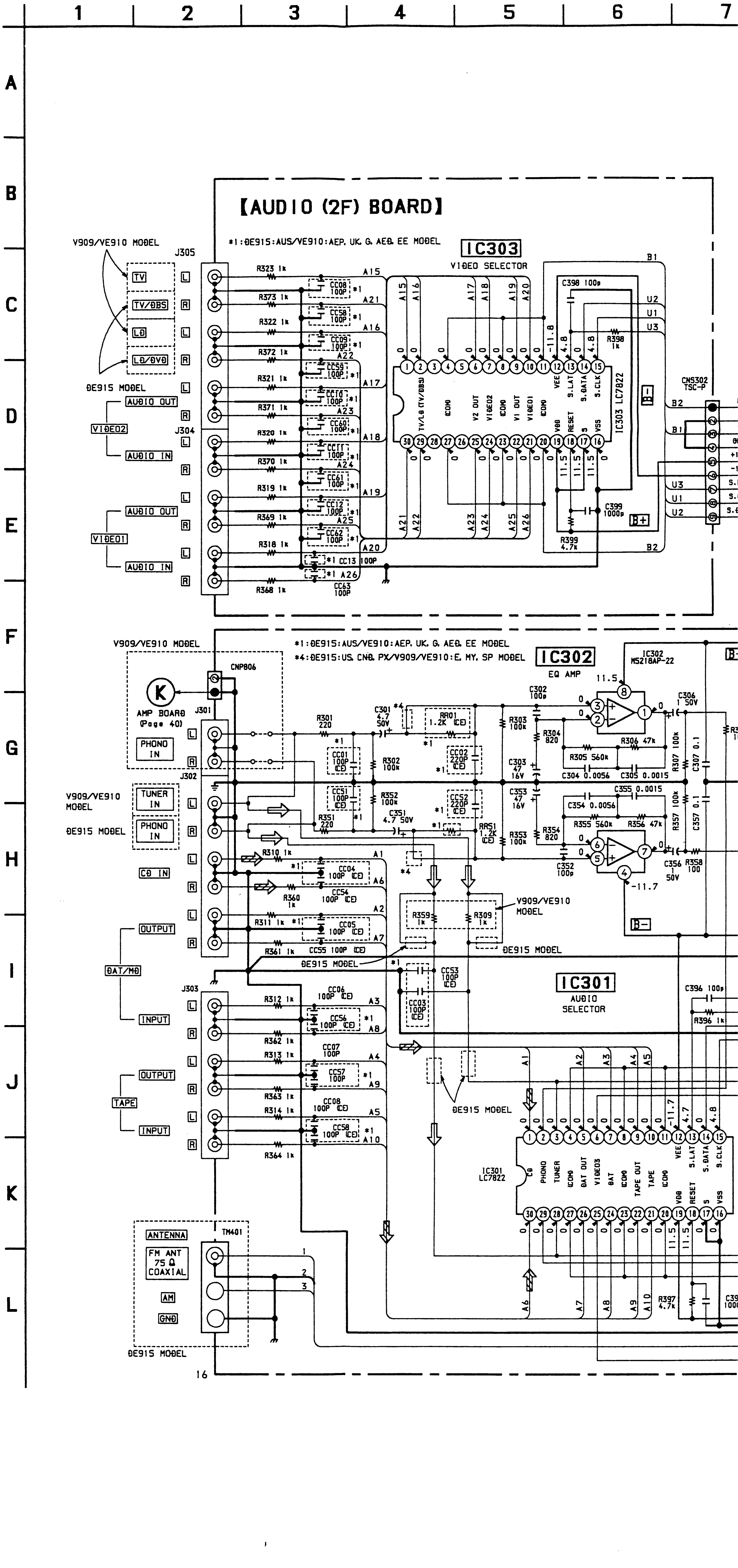
Ref. No.	Location
D401	I-9
D402	J-13
D403	I-6
IC301	G-4
IC302	H-4
IC303	B-4
IC304	H-8
IC401	H-12
IC402	H-13
IC501	G-11
IC601	F-6
IC602	J-11
Q401	H-7
Q410	I-8
Q411	I-7
Q451	H-7
Q503	G-10

Note :

- ○—— : parts extracted from the component side.
- ▨ : pattern on the side which is seen.
- Abbreviation

CND	: Canadian	AUS	: Australian
CH	: Chinese	G	: German
AED	: North European	EE	: East European
MY	: Malaysia	SP	: Singapore

2-8. SCHEMATIC DIAGRAM — SURROUND SECTION —

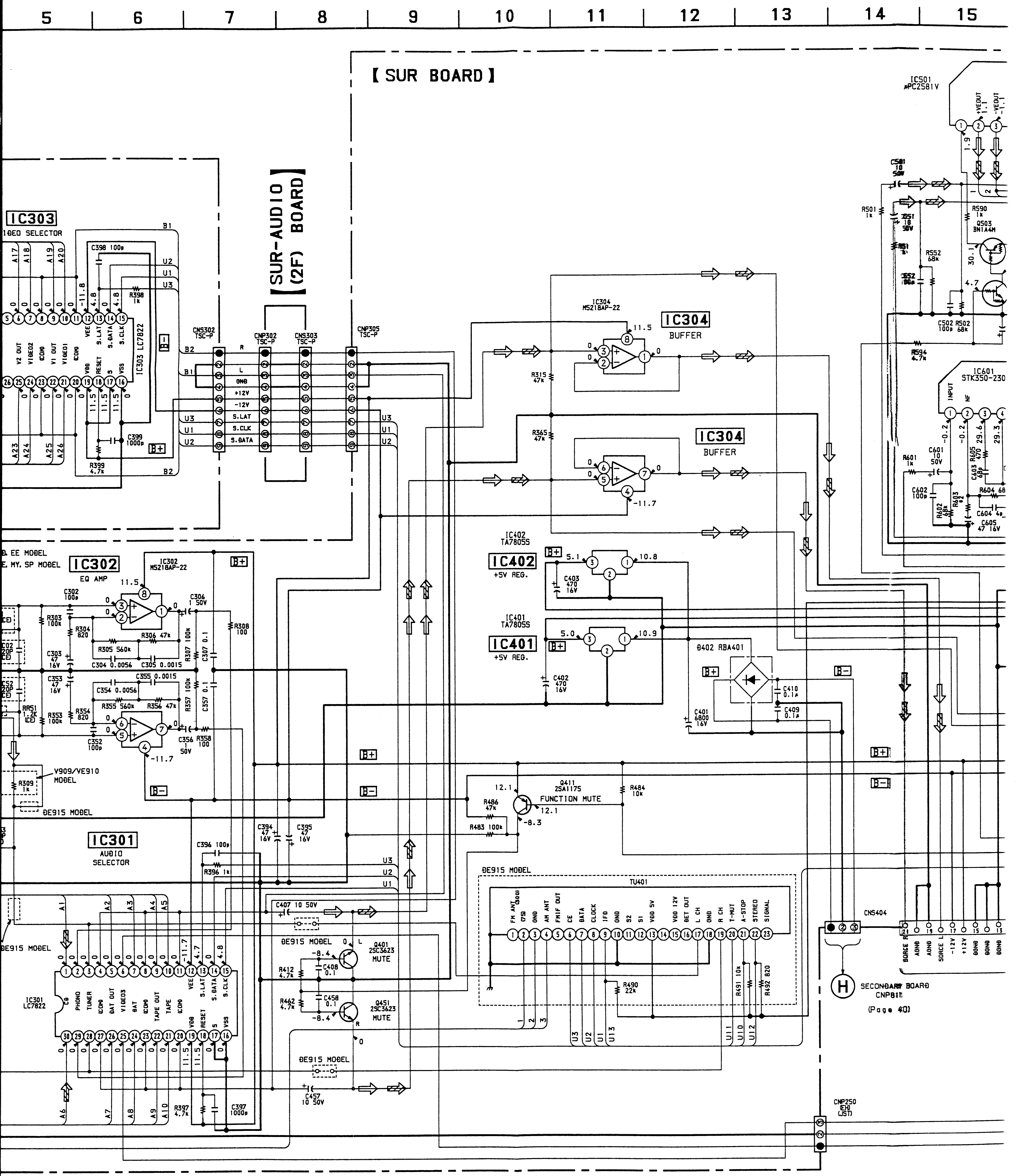

1
2
3
4
5
6
7
A
B
C
D
E
F
G
H
I
J
K
L
[AUDIO (2F) BOARD]
*1:DE915:AUS/VE910:AEP, UK, G, AED, EE MODEL
IC303
VIDEO SELECTOR
IC303 LC7822
V909/VE910 MODEL
J305
TV
TV/DBS
LD
LD/DVD
DE915 MODEL
AUDIO OUT
VIDEO2
J304
AUDIO IN
VIDEO1
CNS302
TSC-P
*4:DE915:US, CND, PX/V909/VE910:E, MY, SP MODEL
IC302
EQ AMP
IC302
M5218AP-22
CNP806
AMP BOARD
(Page 40)
J301
PHONO IN
J302
TUNER IN
CD IN
OUTPUT
DAT/MD
J303
INPUT
TAPE
IC301
AUDIO SELECTOR
IC301
LC7822
ANTENNA
FM ANT
75 Ω
COAXIAL
AM
GND
TM401
DE915 MODEL
V909/VE910 MODEL

Note :

- All capacitors are in µF unless otherwise noted. pF: µµF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- : non flammable resistor.
- ☐ : panel designation.
- B+ : B+ Line.
- B– : B– Line.
- Voltage is measured with respect to ground under no-signal conditions.
- Voltages are reference value measured by a VOM (10MΩ/V).
- Signal path

  ⇨ : FM ➡ : CD (ANALOG) ⇛ : LD (VIDEO)
- Abbreviation

CND	: Canadian	AUS	: Australian
CH	: Chinese	G	: German
AED	: North European	EE	: East European
MY	: Malaysia	SP	: Singapore


5
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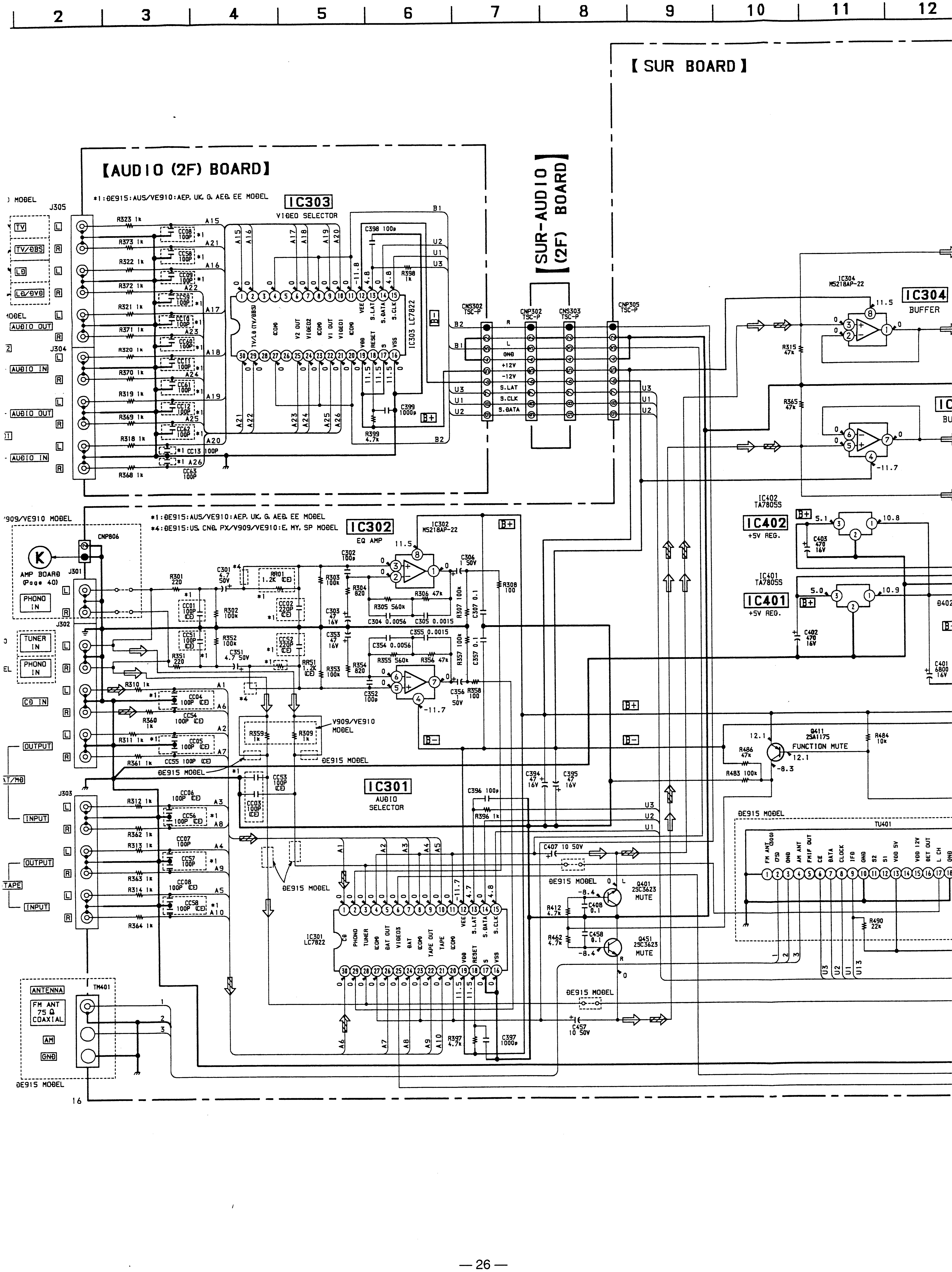
14
15
【SUR BOARD】
【SUR-AUDIO (2F) BOARD】
IC303
VIDEO SELECTOR
IC303 LC7822
C398 100p
R398 1k
C399 1000p
R399 4.7k
CNS302 TSC-P
CNP302 TSC-P
CNS303 TSC-P
CNP305 TSC-P
R
L
GND
+12V
-12V
S.LAT
S.CLK
S.DATA
U1
U2
U3
B1
B2
IC304 M5218AP-22
IC304
BUFFER
R315 47k
R365 47k
-11.7
IC402 TA7805S
IC402
+5V REG.
C403 470 16V
IC401 TA7805S
IC401
+5V REG.
C402 470 16V
D402 RBA401
C410 0.1μ
C409 0.1μ
C401 6800 16V
B+
B-
D. EE MODEL
E. MY. SP MODEL
IC302
EQ AMP
IC302 M5218AP-22
C302 100p
R303 100k
R304 820
C303 47 16V
R305 560k
R306 47k
C304 0.0056
C305 0.0015
C306 1 50V
R307 100k
C307 0.1
R308 100
C353 47 16V
C354 0.0056
C355 0.0015
R355 560k
R356 47k
R353 100k
R354 820
RR51 1.2K (CD)
C352 100p
C356 1 50V
R358 100
R357 100k
C357 0.1
V909/VE910 MODEL
R309 1k
DE915 MODEL
IC301
AUDIO SELECTOR
C394 47 16V
C395 47 16V
C396 100p
R396 1k
IC301 LC7822
PHONO
TUNER
(CD)
DAT OUT
VIDEO3
DAT
TAPE OUT
TAPE
VDD
S.LAT
RESET
S.DATA
S.CLK
VSS
VEE
R397 4.7k
C397 1000p
C407 10 50V
Q401 2SC3623 MUTE
Q451 2SC3623 MUTE
R412 4.7k
C408 0.1
R462 4.7k
C458 0.1
C457 10 50V
Q411 2SA1175 FUNCTION MUTE
R486 47k
R483 100k
R484 10k
12.1
-8.3
TU401
FM ANT (300)
(75)
GND
AM ANT
FMIF OUT
CE
DATA
CLOCK
IFO
GND
S2
S1
VDD 5V
VDD 12V
DET OUT
L CH
GND
R CH
T-MUT
A-STOP
STEREO
SIGNAL
R490 22k
R491 10k
R492 820
CNS404
SORCE R
AGND
SORCE L
-12V
+12V
DGND
H
SECONDARY BOARD CNP812
(Page 40)
CNP250 (EH) (JST)
IC501 μPC2581V
+VEOUT
-VEOUT
C501 10 50V
R501 1k
C551 10 50V
R551 1k
C552 100p
R552 68k
R590 1k
Q503 BN1A4M
C502 100p
R502 68k
R594 4.7k
IC601 STK350-230
INPUT
NF
R601 1k
C601 10 50V
C602 100p
R602 68k
R603 82
C603 68p
R605 470
R604 68
C604 4p
C605 47 16V

OUND SECTION —


2
3
4
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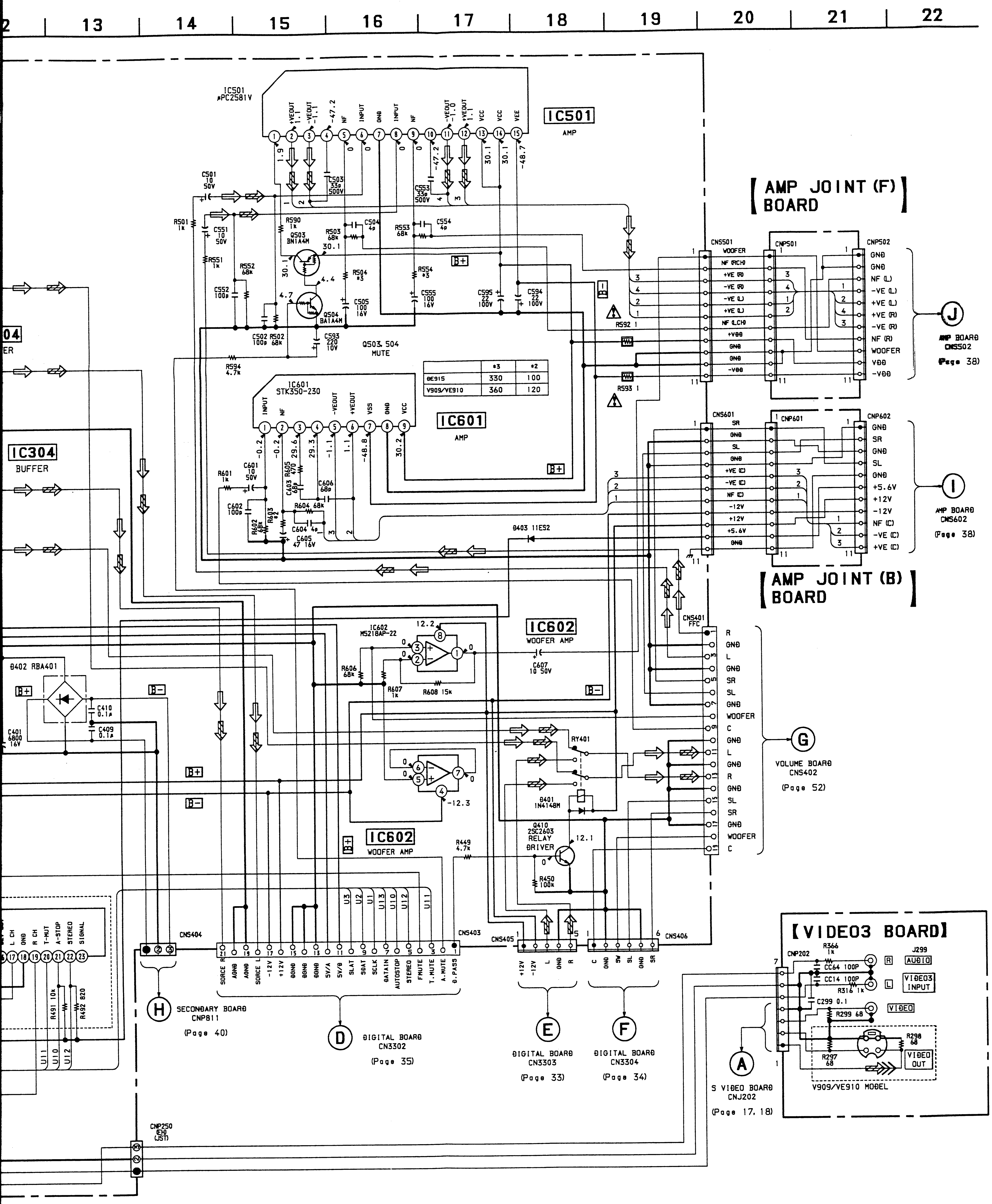
8
9
10
11
12
【SUR BOARD】
【AUDIO (2F) BOARD】
【SUR-AUDIO (2F) BOARD】
*1:ΘE915:AUS/VE910:AEP, UK, G, AEΘ, EE MOΘEL
IC303
VIΘEO SELECTOR
IC303 LC7822
J305
J304
J302
J301
J303
TV
TV/ΘBS
LΘ
LΘ/ΘVΘ
AUΘIO OUT
AUΘIO IN
CNS302 TSC-P
CNP302 TSC-P
CNS303 TSC-P
CNP305 TSC-P
R
L
GNΘ
+12V
-12V
S.LAT
S.CLK
S.ΘATA
IC304 M5218AP-22
IC304
BUFFER
IC402 TA7805S
IC402
+5V REG.
IC401 TA7805S
IC401
+5V REG.
V909/VE910 MOΘEL
*1:ΘE915:AUS/VE910:AEP, UK, G, AEΘ, EE MOΘEL
*4:ΘE915:US, CNΘ, PX/V909/VE910:E, MY, SP MOΘEL
IC302
EQ AMP
IC302 M5218AP-22
CNP806
K
AMP BOARΘ (Page 40)
PHONO IN
TUNER IN
CΘ IN
OUTPUT
INPUT
TAPE
V909/VE910 MOΘEL
ΘE915 MOΘEL
IC301
AUΘIO SELECTOR
IC301 LC7822
Q411 2SA1175
FUNCTION MUTE
Q401 2SC3623 MUTE
Q451 2SC3623 MUTE
TU401
ANTENNA
FM ANT 75 Ω COAXIAL
AM
GNΘ
TM401
ΘE915 MOΘEL
16


12
13
14
15
16
17
18
19
20
21
22
IC501
µPC2581V
IC501
AMP
+VEOUT 1.1
-VEOUT -1.1
-47.2
NF
INPUT
GND
INPUT
NF
-VEOUT -1.0
+VEOUT 1.1
VCC
VCC
VEE
1.9
30.1
30.1
-48.7
C501 10 50V
R501 1k
C503 33p 500V
C553 33p 500V
R590 1k
Q503 DN1A4M
R503 68k
C504 4p
R553 68k
C554 4p
C551 10 50V
R551 1k
R552 68k
C552 100p
R504 *3
R554 *3
B+
C555 100 16V
C595 22 100V
C594 22 100V
C505 100 16V
Q504 DA1A4M
C502 100p
R502 68k
C593 220 10V
Q503, 504 MUTE
R594 4.7k
R592
R593
IC601
STK350-230
INPUT
NF
-VEOUT
+VEOUT
VSS
GND
VCC
IC601
AMP
-0.2
-0.2
29.6
29.3
-1.1
1.1
-48.8
30.2
R601 1k
C601 10 50V
C602 100p
R602 68k
R603 *2
R605 470
C603 68p
C606 68p
R604 68k
C604 4p
C605 47 16V
D403 11ES2
IC304
BUFFER
D402 RBA401
B+
B−
C410 0.1µ
C409 0.1µ
C401 6800 16V
IC602
M5218AP-22
12.2
IC602
WOOFER AMP
R606 68k
R607 1k
R608 15k
C607 10 50V
-12.3
RY401
D401 1N4148M
Q410 2SC2603 RELAY DRIVER
12.1
R449 4.7k
R450 100k
[AMP JOINT (F) BOARD]
CNS501
CNP501
CNP502
WOOFER
NF (RCH)
+VE (R)
-VE (R)
-VE (L)
+VE (L)
NF (LCH)
+VDD
GND
GND
-VDD
GND
GND
NF (L)
-VE (L)
+VE (L)
+VE (R)
-VE (R)
NF (R)
WOOFER
VDD
-VDD
J
AMP BOARD CNS502 (Page 38)
CNS601
CNP601
CNP602
SR
GND
SL
GND
+VE (C)
-VE (C)
NF (C)
-12V
+12V
+5.6V
GND
SR
GND
SL
GND
+5.6V
+12V
-12V
NF (C)
-VE (C)
+VE (C)
I
AMP BOARD CNS602 (Page 38)
[AMP JOINT (B) BOARD]
CNS401 FFC
R
GND
L
GND
SR
SL
GND
WOOFER
C
GND
L
GND
R
GND
SL
SR
GND
WOOFER
C
G
VOLUME BOARD CNS402 (Page 52)
L CH
GND
R CH
T-MUT
A-STOP
STEREO
SIGNAL
R491 10k
R492 820
U11
U10
U12
CNS404
H
SECONDARY BOARD CNP811 (Page 40)
CNS403
SORCE R
AGND
AGND
SORCE L
-12V
+12V
DGND
DGND
DGND
5V/A
5V/D
SDAT
SLAT
SCLK
DATAIN
AUTOSTOP
STEREO
FMUTE
T.MUTE
A.MUTE
D.PASS
U3
U2
U1
U13
U10
U12
U11
D
DIGITAL BOARD CN3302 (Page 35)
CNS405
+12V
-12V
L
GND
R
E
DIGITAL BOARD CN3303 (Page 33)
CNS406
C
GND
SW
SL
GND
SR
F
DIGITAL BOARD CN3304 (Page 34)
[VIDEO3 BOARD]
CNP202
R366 1k
CC64 100P
CC14 100P
R316 1k
C299 0.1
R299 68
R298 68
R297 68
J299
AUDIO
R
L
VIDEO3 INPUT
VIDEO
VIDEO OUT
V909/VE910 MODEL
A
S VIDEO BOARD CNJ202 (Page 17, 18)
CNP250 (EH) (JST)

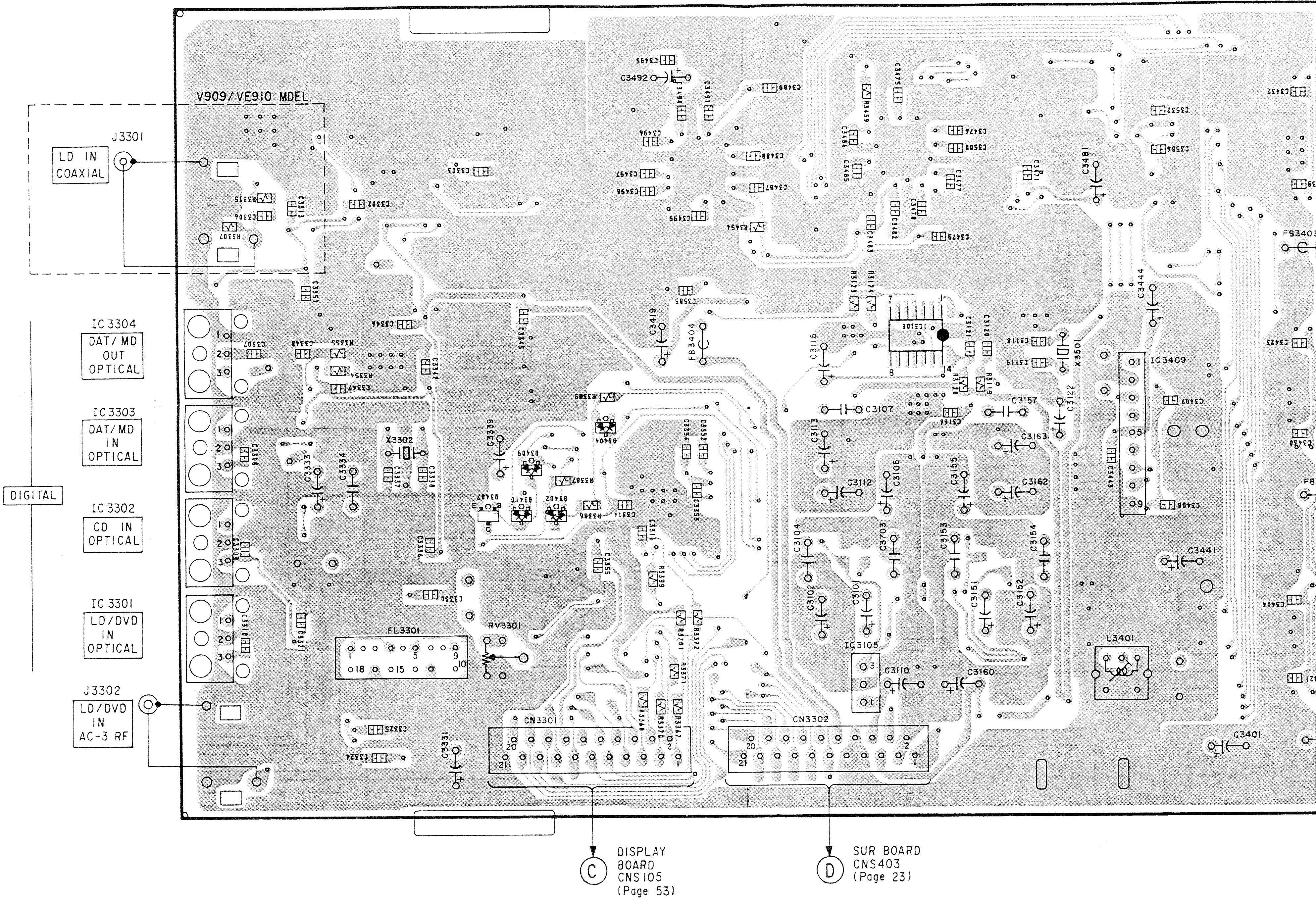
	*3	*2
DE915	330	100
V909/VE910	360	120

2-9. PRINTED WIRING BOARD — DIGITAL SECTION —

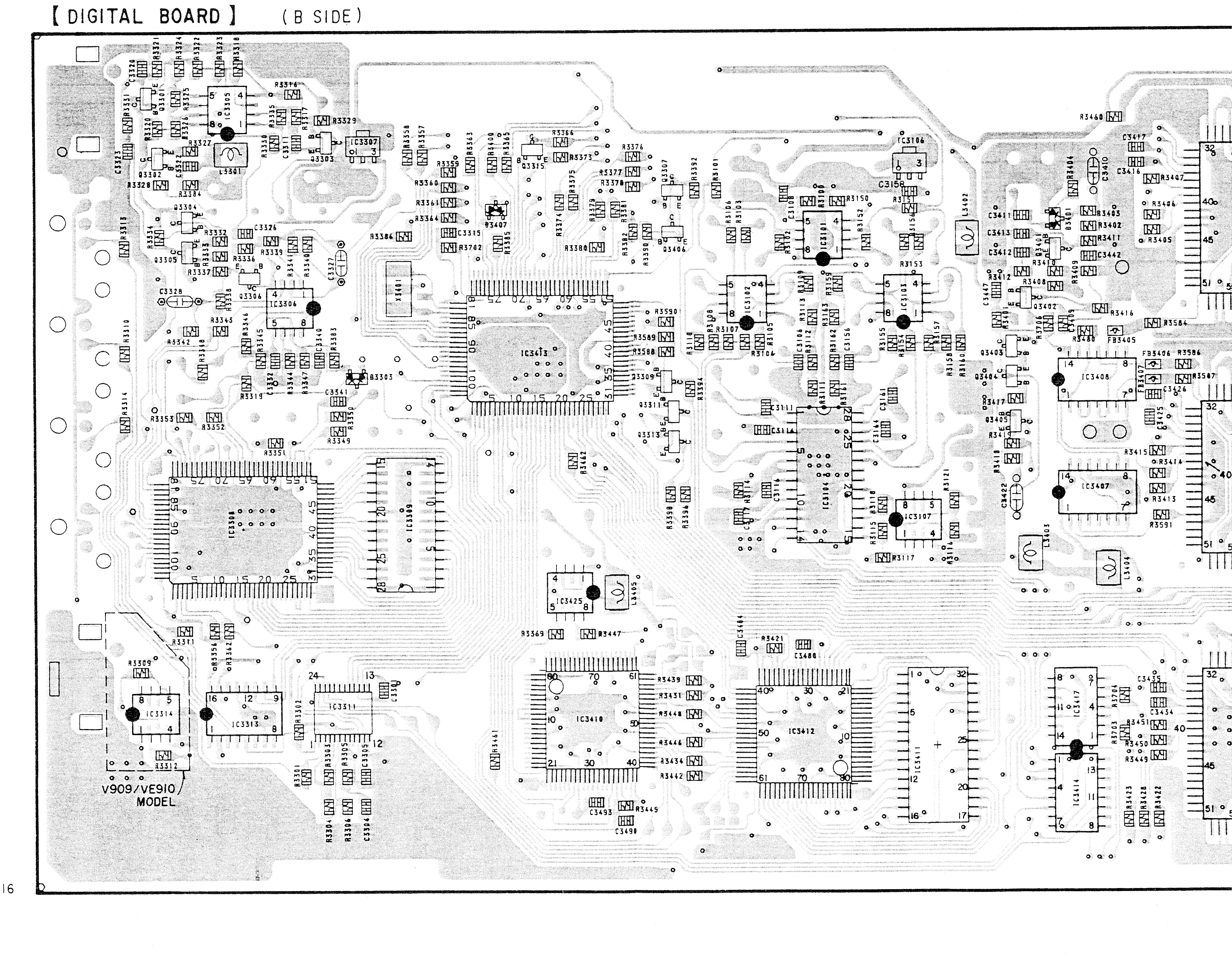
1 2 3 4 5 6 7 8

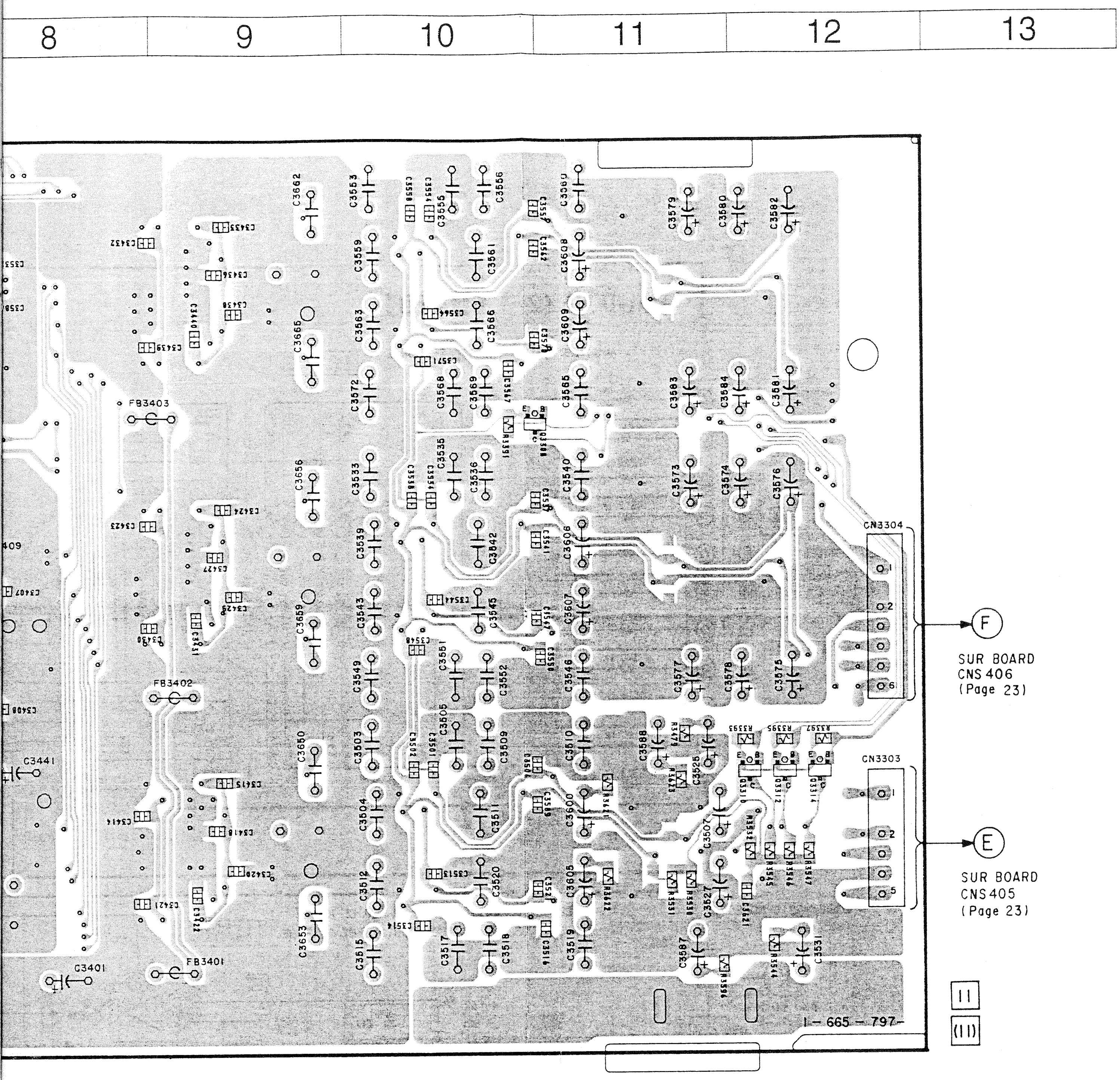
A B C D E F G H I J

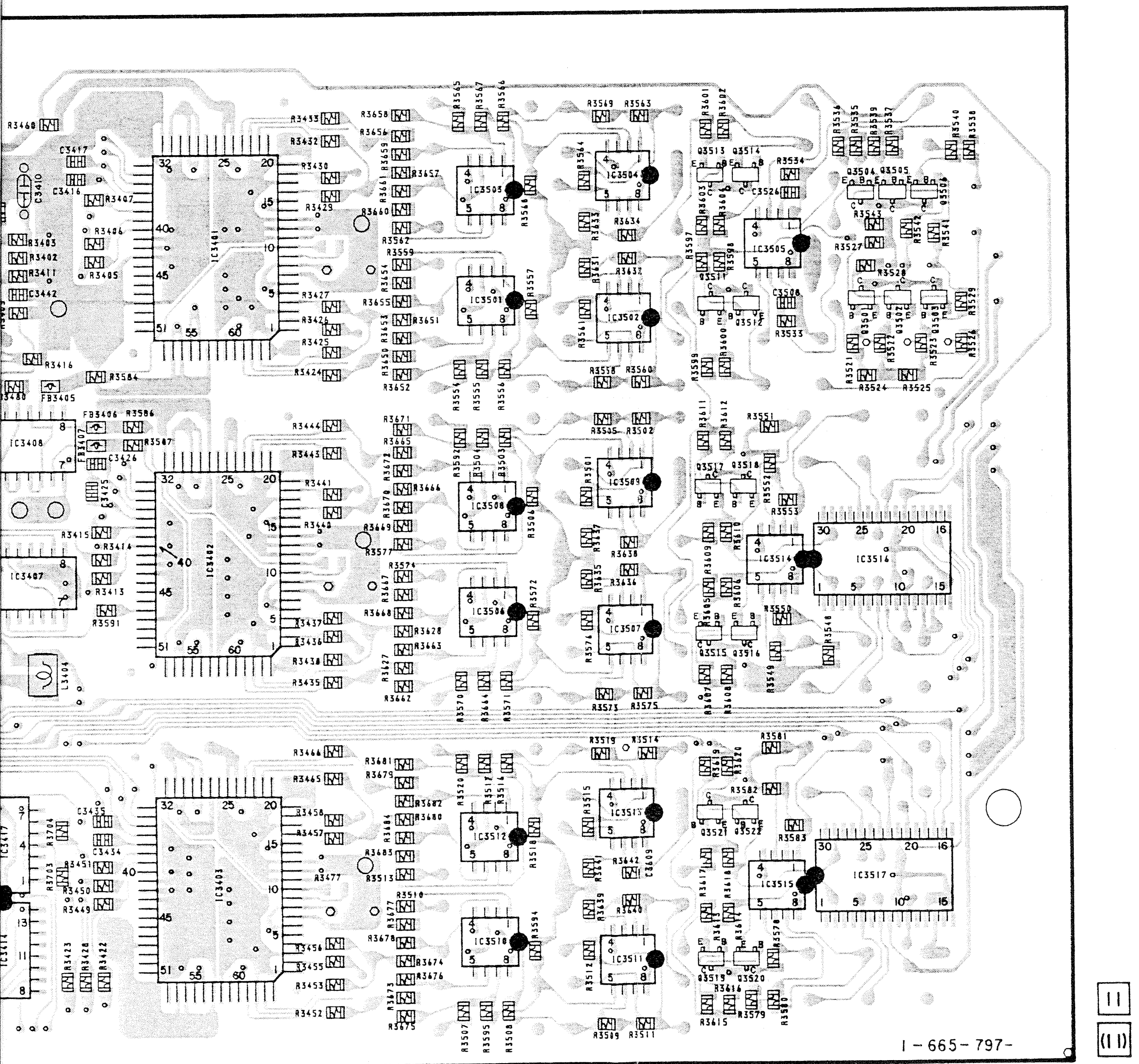
【DIGITAL BOARD】 (A SIDE)


V909/VE910 MDEL
J3301
LD IN COAXIAL
DIGITAL
IC3304
DAT/MD OUT OPTICAL
IC3303
DAT/MD IN OPTICAL
IC3302
CD IN OPTICAL
IC3301
LD/DVD IN OPTICAL
J3302
LD/DVD IN AC-3 RF
X3302
FL3301
RV3301
CN3301
CN3302
IC3105
IC3409
L3401
X3501
FB3404
FB3403
C3492
C3401
C3441
C3107
C3110
C3160
DISPLAY BOARD CNS105 (Page 53)
SUR BOARD CNS403 (Page 23)

【DIGITAL BOARD】 (B SIDE)


IC3305
IC3306
IC3307
L3301
IC3413
IC3308
IC3309
IC3106
IC3102
IC3101
IC3103
IC3104
IC3107
IC3406
IC3407
IC3425
IC3314
IC3313
IC3311
IC3410
IC3412
IC3411
IC3417
IC3414
V909/VE910 MODEL
16


8
9
10
11
12
13
CN3304
F
SUR BOARD
CNS406
(Page 23)
CN3303
E
SUR BOARD
CNS405
(Page 23)
FB3403
FB3402
FB3401
C3441
C3401
1-665-797-
11
(11)

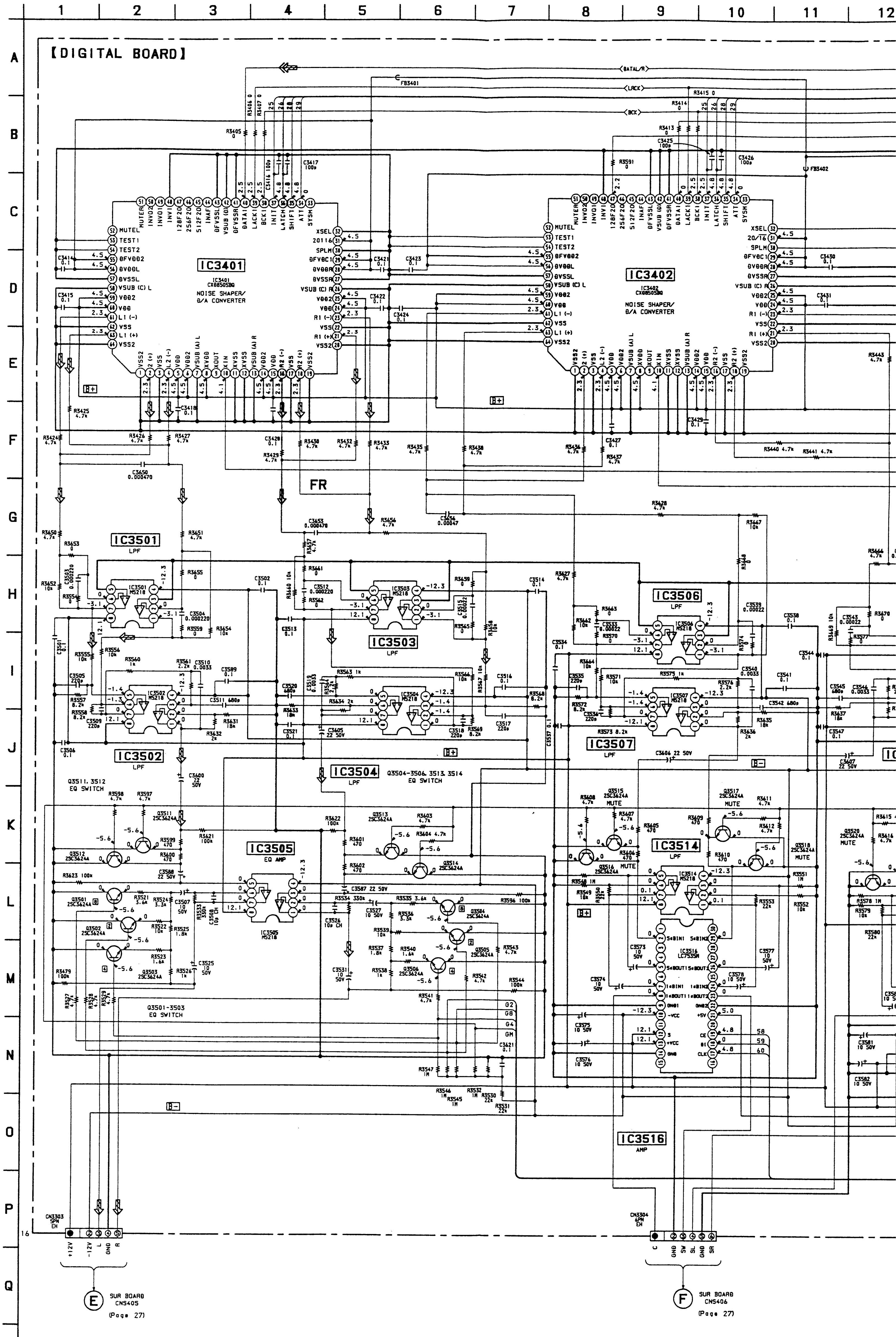

IC3505
IC3501
IC3502
IC3504
IC3503
IC3508
IC3509
IC3514
IC3506
IC3507
IC3512
IC3513
IC3515
IC3517
IC3510
IC3511
IC3401
IC3402
IC3403
IC3408
IC3407
1-665-797-
11
(11)

- Semiconductor Location

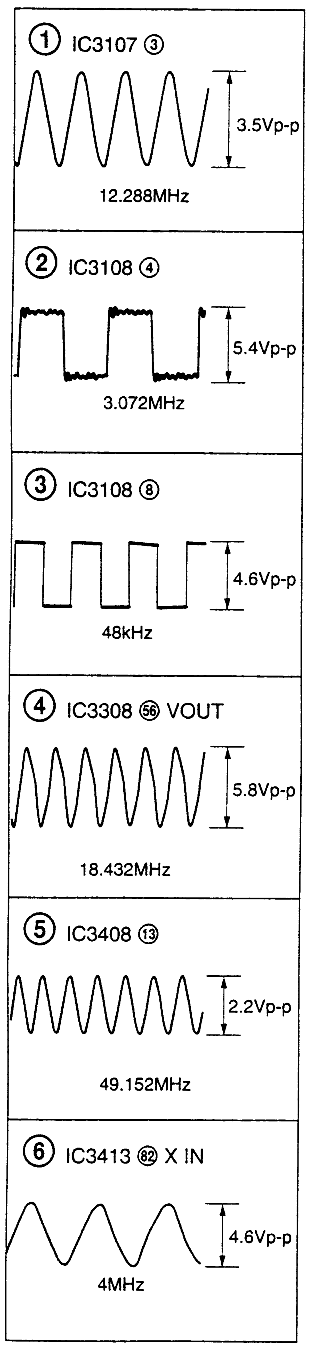
Ref. No.	Location	Ref. No.	Location
D3303	H-4	IC3510	J-10
D3401	G-8	IC3511	J-11
D3402	D-4	IC3512	J-10
D3404	C-4	IC3513	J-11
D3407	G-5	IC3514	I-11
D3409	C-4	IC3515	J-11
D3410	D-4	IC3516	I-12
		IC3517	J-12
IC3101	G-6		
IC3102	H-6	Q3301	G-3
IC3103	H-7	Q3302	G-3
IC3104	I-6	Q3303	G-4
IC3105	E-6	Q3304	G-3
IC3106	G-7	Q3305	G-3
IC3107	I-7	Q3306	H-3
IC3108	C-6	Q3307	G-6
IC3301	D-2	Q3308	B-11
IC3302	D-2	Q3309	H-5
IC3303	C-2	Q3310	D-12
IC3304	C-2	Q3311	H-5
IC3305	G-3	Q3312	D-12
IC3306	H-3	Q3313	H-5
IC3307	G-4	Q3314	D-12
IC3308	I-3	Q3315	G-5
IC3309	I-4	Q3401	G-8
IC3311	J-4	Q3402	H-8
IC3313	J-3	Q3403	H-7
IC3314	J-3	Q3404	H-7
IC3401	G-9	Q3405	H-7
IC3402	I-9	Q3406	G-6
IC3403	J-9	Q3407	D-4
IC3407	I-8	Q3501	H-12
IC3408	H-8	Q3502	H-12
IC3409	C-8	Q3503	H-12
IC3410	J-5	Q3504	G-12
IC3411	J-7	Q3505	G-12
IC3412	J-6	Q3506	G-12
IC3413	H-5	Q3511	G-11
IC3414	J-8	Q3512	H-11
IC3417	J-8	Q3513	G-11
IC3425	I-5	Q3514	G-11
IC3501	G-10	Q3515	I-11
IC3502	H-11	Q3516	I-11
IC3503	G-10	Q3517	H-11
IC3504	G-11	Q3518	H-11
IC3505	G-11	Q3519	J-11
IC3506	I-10	Q3520	J-11
IC3507	I-11	Q3521	J-11
IC3508	H-10	Q3522	J-11
IC3509	H-11		

- ○—— : parts extracted from the component side.
- ▨ : pattern on the side which is seen.

2-10. SCHEMATIC DIAGRAM — DIGITAL SECTION —


[DIGITAL BOARD]
IC3401
CXD8505BQ
NOISE SHAPER/
D/A CONVERTER
IC3402
CXD8505BQ
NOISE SHAPER/
D/A CONVERTER
FR
IC3501
LPF
IC3502
LPF
IC3503
LPF
IC3504
LPF
IC3505
EQ AMP
IC3506
LPF
IC3507
LPF
IC3514
LPF
IC3516
AMP
Q3504-3506, 3513, 3514
EQ SWITCH
Q3511, 3512
EQ SWITCH
Q3501-3503
EQ SWITCH
Q3515
MUTE
Q3516
MUTE
Q3517
MUTE
Q3520
MUTE
CN3303
5PIN
EH
CN3304
6PIN
EH
+12V
-12V
L
GND
R
C
GND
SW
SL
GND
SR
E
SUR BOARD
CN5405
(Page 27)
F
SUR BOARD
CN5406
(Page 27)
B+
B-
1
2
3
4
5
6
7
8
9
10
11
12
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S

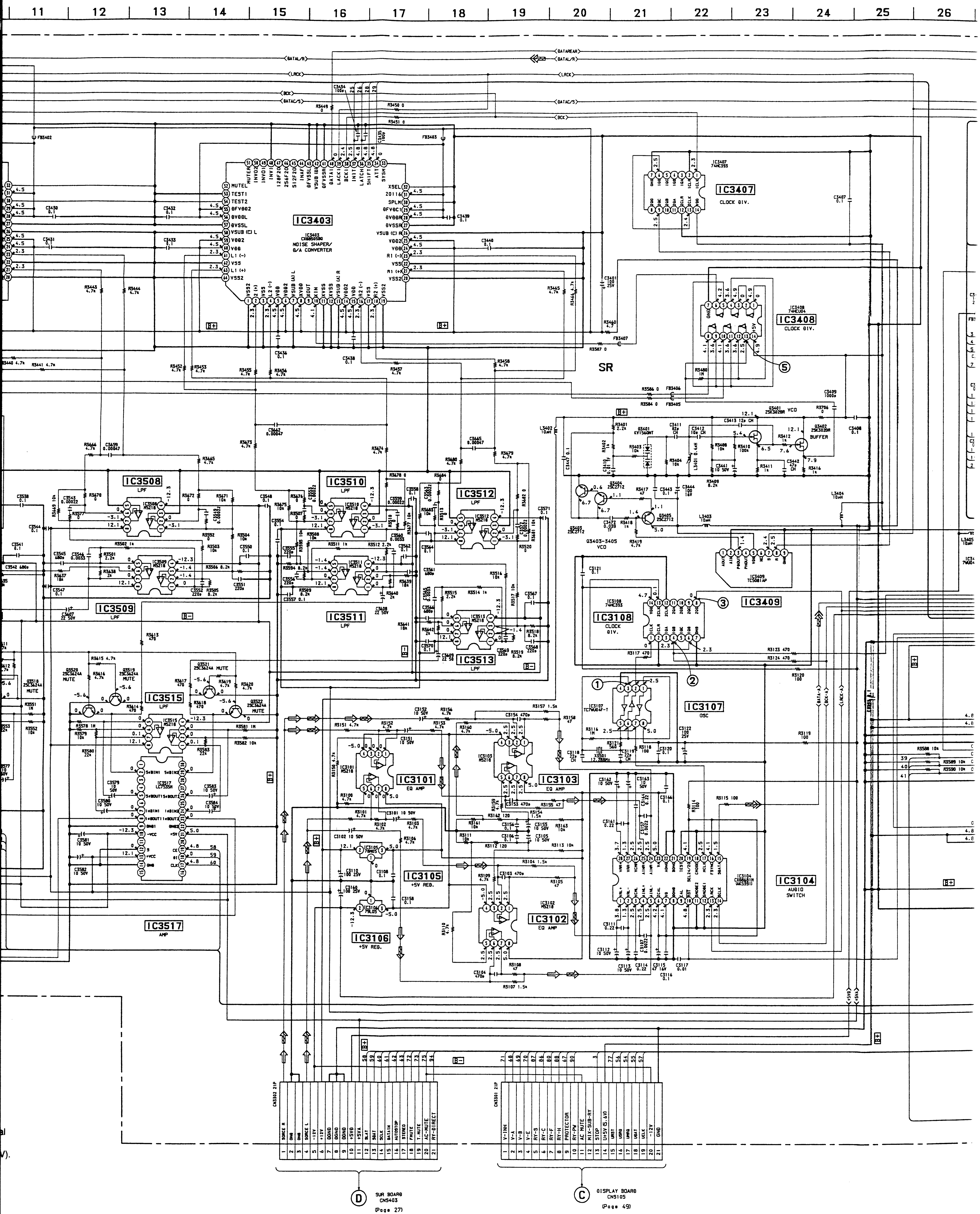
• Waveforms

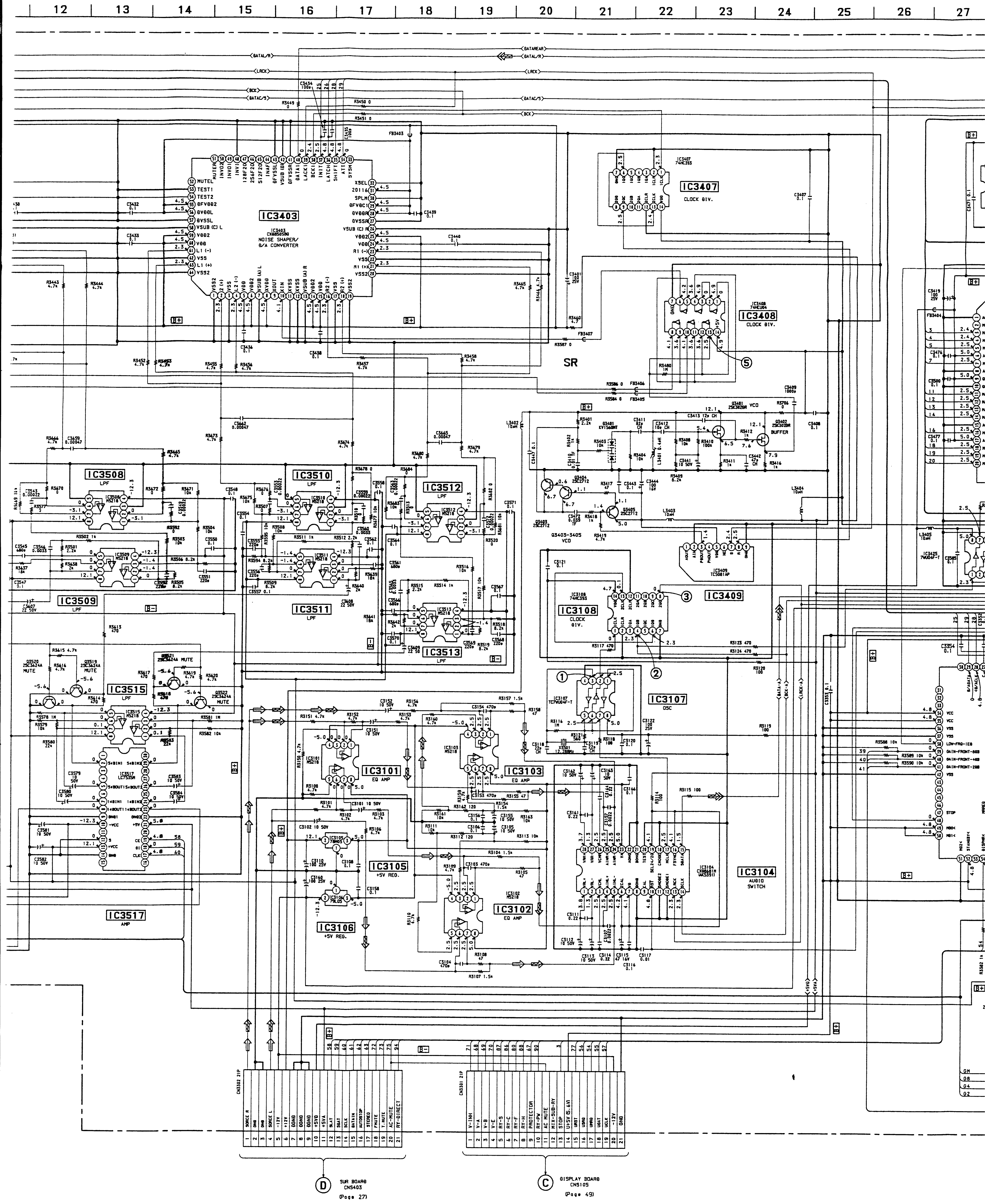


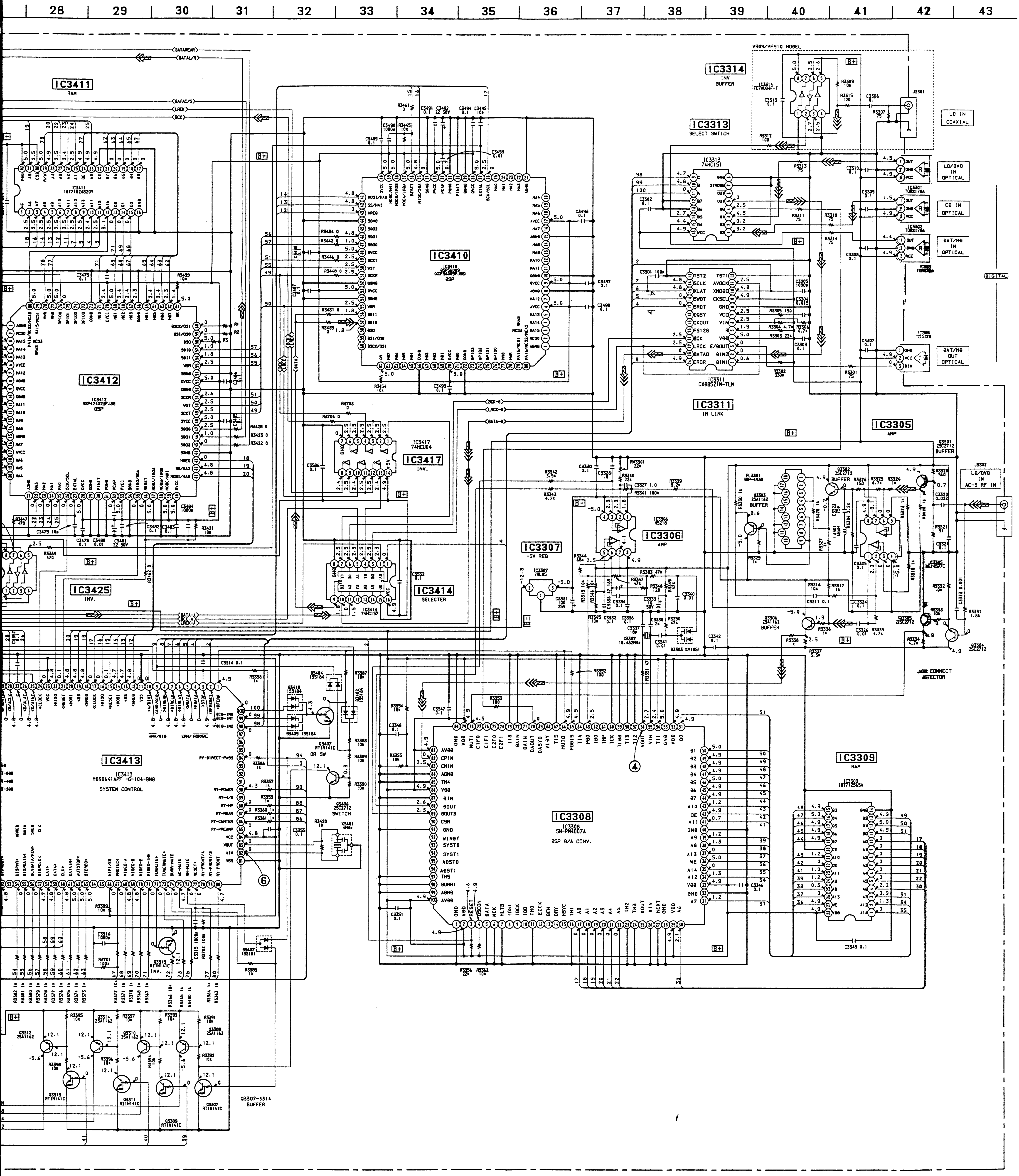
Note :

- All capacitors are in µF unless otherwise noted. pF: µµF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- ☐ : panel designation.
- B+ : B+ Line.
- B– : B– Line.
- Voltage is measured with respect to ground under no-signal conditions.
- Voltages are reference value measured by a VOM (10MΩ/V).
- Signal path

⇨ : FM ➡ : CD (ANALOG) ⇛ : CD (DIGITAL)


11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
BATAL/R
LRCK
BCK
BATAC/S
BATAREAR
IC3403
CXD8505BQ
NOISE SHAPER/
D/A CONVERTER
IC3407
74HC393
CLOCK DIV.
IC3408
74HCU04
CLOCK DIV.
SR
Q3401 2SK3020R VCO
Q3402 2SK3020R BUFFER
Q3403-3405 VCO
IC3409
TC5081AP
IC3108
74HC393
CLOCK DIV.
IC3107
TC7WU04F-T
OSC
X3501 12.288MHz
IC3508 LPF
IC3509 LPF
IC3510 LPF
IC3511 LPF
IC3512 LPF
IC3513 LPF
IC3515 LPF
IC3517
LC7535M
AMP
Q3518 2SC3624A MUTE
Q3519 2SC3624A MUTE
Q3520 2SC3624A MUTE
Q3521 2SC3624A MUTE
Q3522 2SC3624A MUTE
IC3101 EQ AMP
IC3103 EQ AMP
IC3102 EQ AMP
IC3105 78M05 +5V REG.
IC3106 79L05 +5V REG.
IC3104
CXD8431M
(AK5391)
AUDIO SWITCH
CN3302 21P
1 SORCE R
2 GND
3 GND
4 SORCE L
5 -12V
6 +12V
7 DGND
8 DGND
9 DGND
10 +5VD
11 +5VA
12 BLAT
13 SCLK
14 BATAIN
15 AUTOSTOP
16 STEREO
17 FMUTE
18 T.MUTE
19 AC-MUTE
20 RY-DIRECT
CN3301 21P
1 V-INH
2 V-A
3 V-B
4 V-E
5 RY-S
6 RY-C
7 RY-F
8 RY-H
9 RY-PW
10 PROTECTOR
11 AC MUTE
12 MIX-SUB-RY
13 STOP
14 U+5V (5.6V)
15 UMST
16 UDRQ
17 UMRQ
18 UBST
19 UCLK
20 -12V
21 GND
D
SUR BOARD
CN5403
(Page 27)
C
DISPLAY BOARD
CN5105
(Page 49)
①
②
③
⑤
B+
B-


12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
IC3403
IC3403 CXD8505Q
NOISE SHAPER/ D/A CONVERTER
MUTEL TEST1 TEST2 DFVDD2 DVDDL DVSSL VSUB (C) L VDD2 VDD L1 (-) VSS L1 (+) VSS2
XSEL 2011G SPLH DFVDC1 DVDDR DVSSR VSUB (C) R VDD2 VDD R1 (-) VSS R1 (+) VSS2
IC3407
IC3407 74HC393
CLOCK DIV.
IC3408
IC3408 74HCU04
CLOCK DIV.
SR
Q3401 KV1560NT
Q3402 2SC3828R BUFFER
Q3481 2SC3828R VCO
Q3404 2SC2712
Q3405 2SC2712
Q3403 2SC2712
Q3403-3405 VCO
IC3409
IC3409 TC5081AP
IC3108
IC3108 74HC393
CLOCK DIV.
IC3107
IC3107 TC7WU04F-T
OSC
X3501 12.288MHz
IC3508 LPF
IC3509 LPF
IC3510 LPF
IC3511 LPF
IC3512 LPF
IC3513 LPF
IC3515 LPF
IC3517 LC7535M
IC3517 AMP
Q3520 2SC3624A MUTE
Q3519 2SC3624A MUTE
Q3521 2SC3624A MUTE
Q3522 2SC3624A MUTE
IC3101 EQ AMP
IC3103 EQ AMP
IC3102 EQ AMP
IC3105 +5V REG.
IC3106 +5V REG.
IC3104 CXD8681M (AK5351)
IC3104 AUDIO SWITCH
BATAL/R LRCK BCK DATAC/S DATAREAR BATAL/R
CN3302 21P
1 SORCE R
2 GND
3 GND
4 SORCE L
5 -12V
6 +12V
7 DGND
8 DGND
9 DGND
10 +5VD
11 +5VA
12 SLAT
13 SDAT
14 SCLK
15 DATAIN
16 AUTOSTOP
17 STEREO
18 FMUTE
19 T.MUTE
20 AC-MUTE
21 RY-DIRECT
CN3301 21P
1 V-INH
2 V-A
3 V-B
4 V-E
5 RY-S
6 RY-C
7 RY-F
8 RY-H
9 PROTECTOR
10 RY-PW
11 AC MUTE
12 MIX-SUB-RY
13 STOP
14 U+5V (5.6V)
15 URST
16 USRQ
17 UMRQ
18 UDAT
19 UCLK
20 -12V
21 GND
Ⓓ SUR BOARD CN5403 (Page 27)
Ⓒ DISPLAY BOARD CN5105 (Page 49)
B+ B-
VCC VCC VSS VSS LOW-FRQ-IEQ GAIN-FRONT-6dB GAIN-FRONT-14dB GAIN-FRONT-20dB VSS STOP


28
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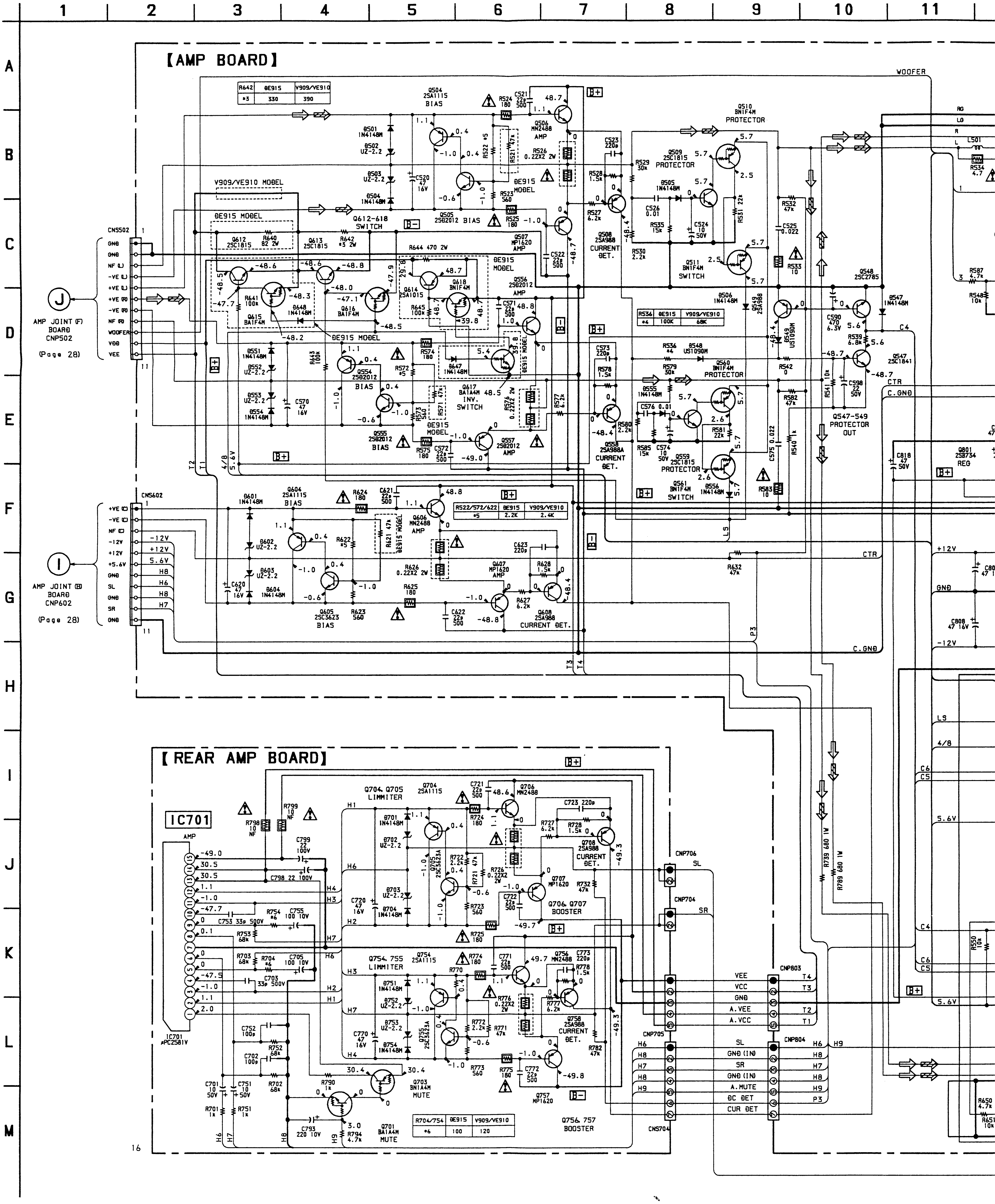
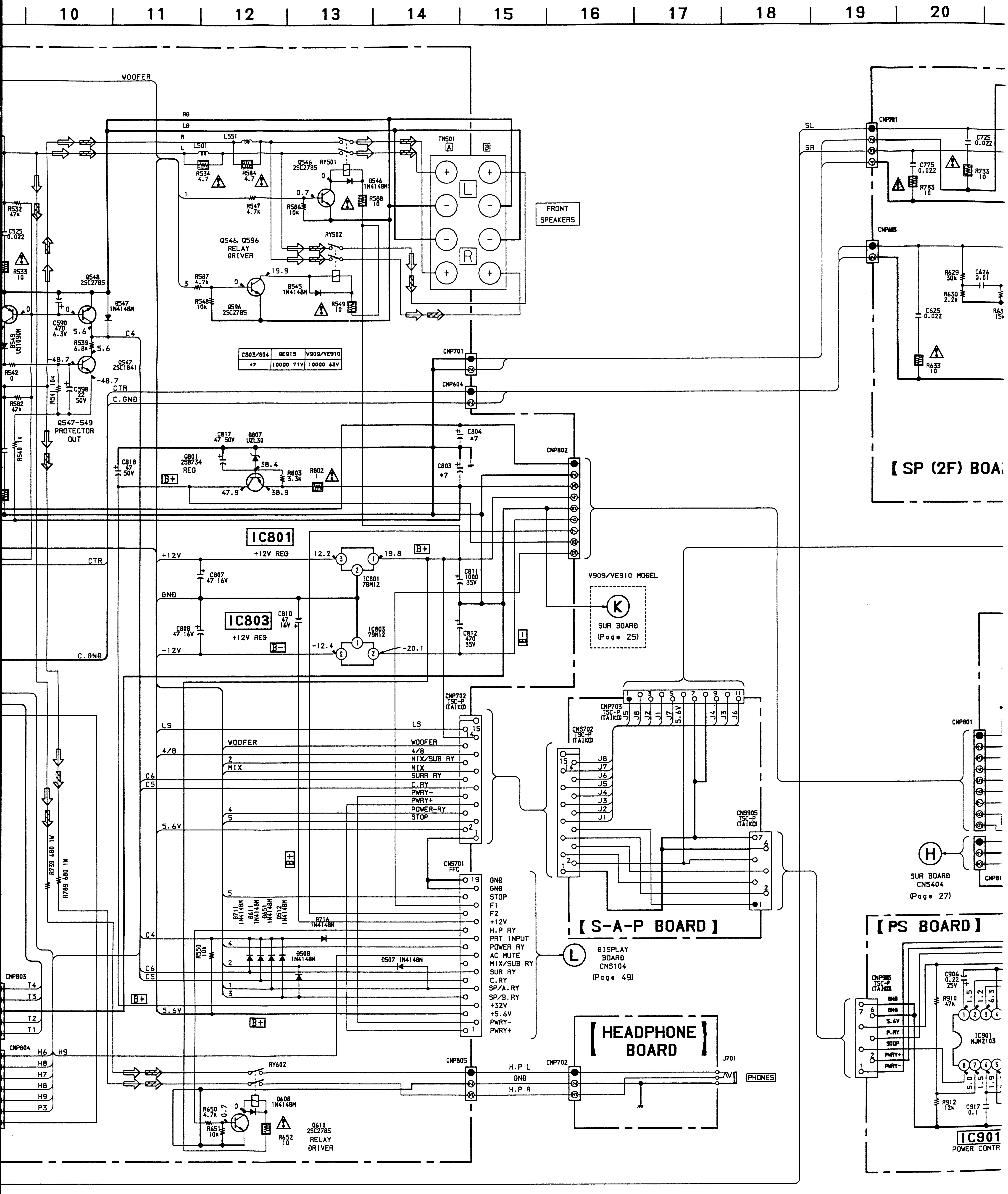
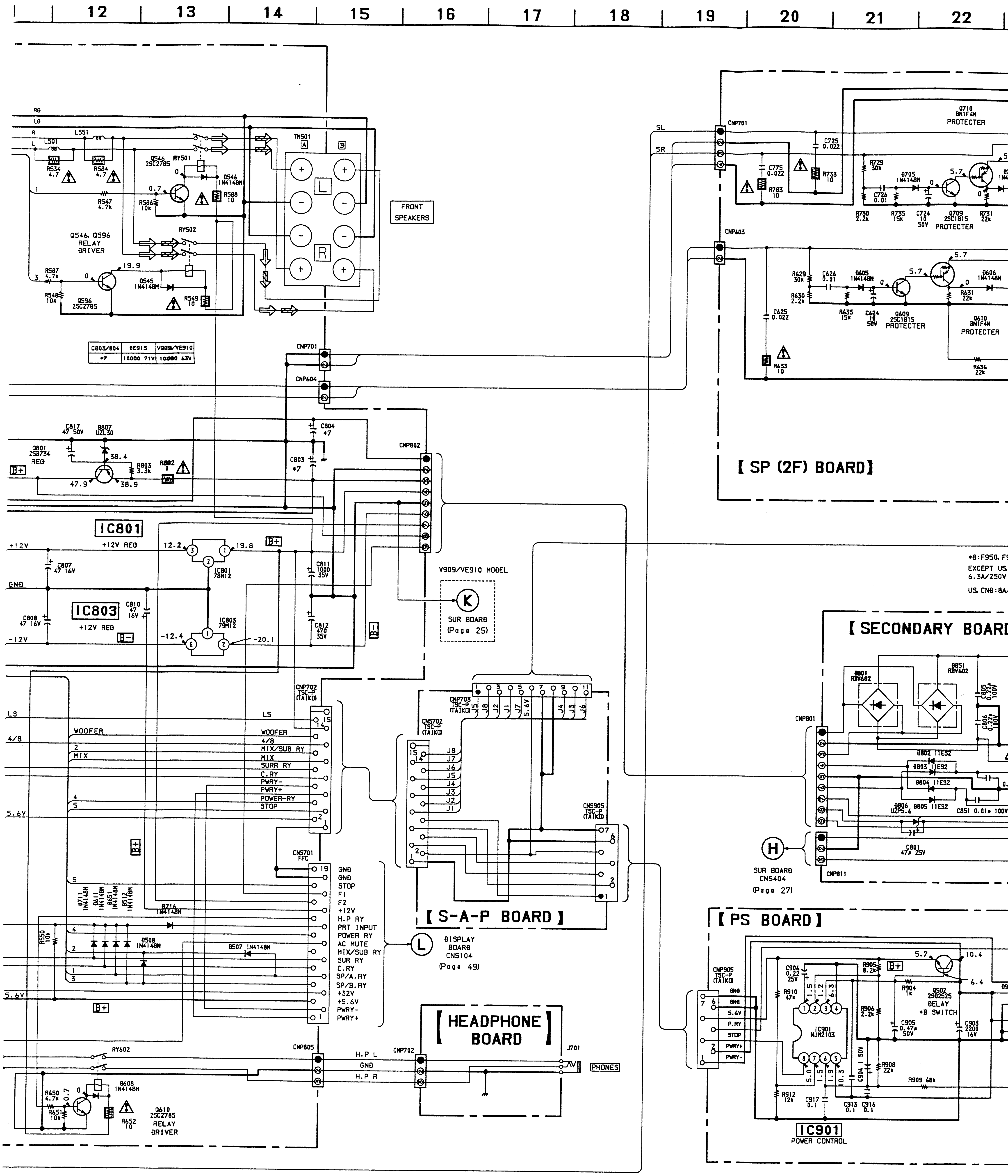
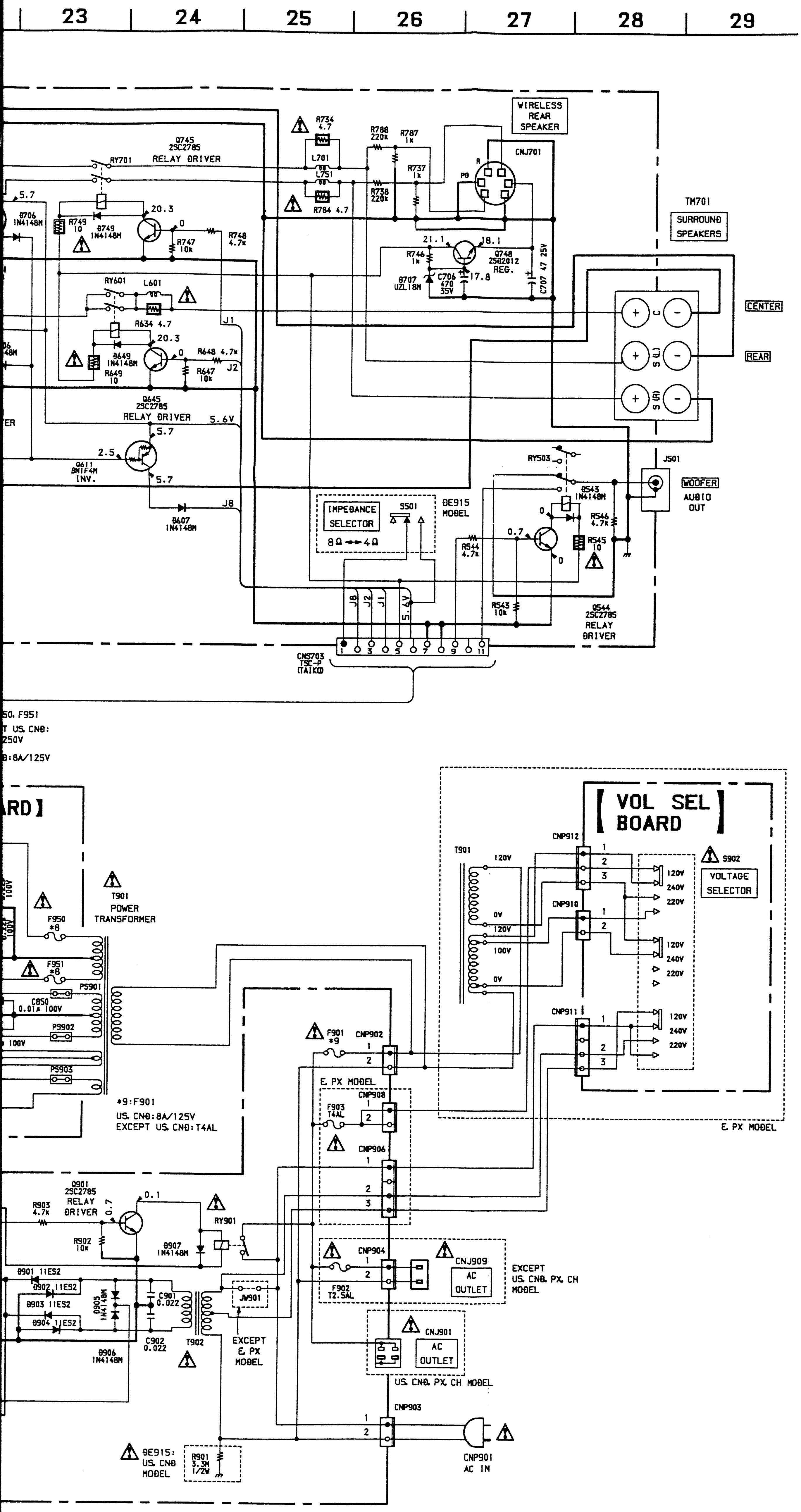
43
IC3411
RAM
IC3411 18T71024520Y
IC3412
IC3412 SSP424023FJ88
DSP
IC3410
IC3410 DSP
IC3417
IC3417 74HCU04
INV.
IC3414
IC3414 74HC157
SELECTER
IC3425
INV.
IC3413
IC3413 MB90641APF -G-104-BN8
SYSTEM CONTROL
IC3308
IC3308 SN-PM4007A
DSP D/A CONV.
IC3309
RAM
IC3309 18T71256SA
IC3307
-5V REG
IC3307 79L05
IC3306
IC3306 M5218
AMP
IC3305
AMP
IC3311
IR LINK
IC3311 CXD8521M-TLM
IC3313
SELECT SWTICH
IC3313 74HC151
IC3314
INV BUFFER
IC3314 TC7WU04F-T
V909/VE910 MODEL
J3301
LD IN COAXIAL
LD/DVD IN OPTICAL
IC3301 TORX178A
CD IN OPTICAL
IC3302 TORX178A
DAT/MD IN OPTICAL
DIGITAL
IC3304 TOTX178
DAT/MD OUT OPTICAL
Q3301 2SC2712 BUFFER
J3302
LD/DVD IN AC-3 RF IN
FL3301 SMP-4930
Q3302 2SC2712 BUFFER
Q3303 2SA1162 BUFFER
Q3304 2SA1162 BUFFER
Q3305 2SC2712
Q3306 2SC2712
JACK CONNECT DETECTOR
X3302 18.432MHz
D3303 KV1851
X3401 4MHz
Q3406 2SC2712 SWITCH
Q3407 RT1N141C OR SW
D3410 1SS184
D3409 1SS184
D3404 1SS184
D3407 1SS181
Q3315 RT1N141C INV.
Q3312 2SA1162
Q3314 2SA1162
Q3310 2SA1162
Q3308 2SA1162
Q3313 RT1N141C
Q3311 RT1N141C
Q3309 RT1N141C
Q3307 RT1N141C
Q3307-3314 BUFFER
BATAREAR
BATAL/R
BATAC/S
LRCK
BCK
BCK-B
LRCK-B
BATA-B
BATA-A
BCK-A
LRCK-A
RY-DIRECT-PASS
RY-POWER
RY-A/B
RY-HP
RY-REAR
RY-CENTER
RY-PREAMP
ANA/DIG
ERR/NORMAL
B+
B-
④
⑥

2-11. SCHEMATIC DIAGRAM — AMP, POWER SUPPLY SECTION —


[AMP BOARD]
[REAR AMP BOARD]
IC701
AMP
IC701 μPC2581V
R642 | DE915 | V909/VE910
*3 | 330 | 390
V909/VE910 MODEL
DE915 MODEL
RS36 | DE915 | V909/VE910
*4 | 100K | 68K
R522/572/622 | DE915 | V909/VE910
*5 | 2.2K | 2.4K
R704/754 | DE915 | V909/VE910
*6 | 100 | 120
AMP JOINT (F) BOARD CNP502 (Page 28)
AMP JOINT (B) BOARD CNP602 (Page 28)
CNS502
CNS602
Q504 2SA1115 BIAS
Q506 MN2488 AMP
Q505 2SD2012 BIAS
Q507 MP1620 AMP
Q508 2SA988 CURRENT DET.
Q509 2SC1815 PROTECTOR
Q510 BN1F4M PROTECTOR
Q511 BN1F4M SWITCH
Q548 2SC2785
Q547 2SC1841
Q547-549 PROTECTOR OUT
Q612-618 SWITCH
Q554 2SD2012 BIAS
Q555 2SD2012 BIAS
Q556 2SD2012 AMP
Q557 2SD2012 AMP
Q558 2SA988A CURRENT DET.
Q559 2SC1815 PROTECTOR
Q560 BN1F4M PROTECTOR
Q561 BN1F4M SWITCH
Q617 BA1A4M INV. SWITCH
Q604 2SA1115 BIAS
Q605 2SC3623 BIAS
Q606 MN2488 AMP
Q607 MP1620 AMP
Q608 2SA988 CURRENT DET.
Q801 2SB734 REG
Q704, Q705 LIMMITER
Q706, Q707 BOOSTER
Q708 2SA988 CURRENT DET.
Q754, 755 LIMMITER
Q756, 757 BOOSTER
Q758 2SA988 CURRENT DET.
Q701 BA1A4M MUTE
Q703 BN1A4M MUTE
WOOFER
CTR
C.GND
+12V
-12V
GND
5.6V
LS
4/8
CNP706
CNP704
CNP705
CNS704
CNP803
CNP804
VEE
VCC
GND
A.VEE
A.VCC
SL
GND (IN)
SR
GND (IN)
A.MUTE
DC DET
CUR DET


10
11
12
13
14
15
16
17
18
19
20
WOOFER
RG
LG
R
L
L501
L551
R534 4.7
R584 4.7
Q546 2SC2785
RY501
D546 1N4148M
R588 10
R547 4.7k
R586 10k
TM501
A
B
L
R
FRONT SPEAKERS
Q546, Q596 RELAY DRIVER
RY502
R587 4.7k
R548 10k
Q596 2SC2785
D545 1N4148M
R549 10
19.9
R532 47k
C525 0.022
R533 10
Q548 2SC2785
C590 470 6.3V
D547 1N4148M
R539 6.8k
5.6
Q547 2SC1841
-48.7
D549 US1090M
R542 0
R582 47k
R541 10k
C598 22 50V
Q547-549 PROTECTOR OUT
R540 1k
C4
CTR
C.GND
C803/804 | DE915 | V909/VE910
*7 | 10000 71V | 10000 63V
CNP701
CNP604
C817 47 50V
D807 UZL30
Q801 2SB734 REG
38.4
R803 3.3k
R802 1
47.9
38.9
C818 47 50V
B+
C804 *7
C803 *7
CNP802
IC801
+12V REG
+12V
12.2
19.8
IC801 78M12
C807 47 16V
C811 1000 35V
GND
C808 47 16V
IC803
+12V REG
C810 47 16V
IC803 79M12
-12V
-12.4
-20.1
B-
C812 470 35V
V909/VE910 MODEL
K
SUR BOARD (Page 25)
CNP702 TSC-P (TAIKO)
LS
4/8
MIX/SUB RY
MIX
SURR RY
C.RY
PWRY-
PWRY+
POWER-RY
STOP
C6
C5
5.6V
CNP703 TSC-P (TAIKO)
J5 J8 J2 J1 J7 5.6V J4 J3 J6
CNS702 TSC-P (TAIKO)
J8 J7 J6 J5 J4 J3 J2 J1
CNS905 TSC-P (TAIKO)
[S-A-P BOARD]
CNS701 FFC
GND
GND
STOP
F1
F2
+12V
H.P RY
PRT INPUT
POWER RY
AC MUTE
MIX/SUB RY
SUR RY
C.RY
SP/A.RY
SP/B.RY
+32V
+5.6V
PWRY-
PWRY+
D711 1N4148M
D611 1N4148M
D651 1N4148M
D512 1N4148M
D716 1N4148M
R550 10k
D508 1N4148M
D507 1N4148M
L
DISPLAY BOARD CNS104 (Page 49)
R739 680 1W
R789 680 1W
CNP803
T4 T3 T2 T1
CNP804
H6 H8 H7 H8 H9 P3
H9
RY602
CNP805
H.P L
GND
H.P R
CNP702
J701
PHONES
[HEADPHONE BOARD]
R650 4.7k
R651 10k
D608 1N4148M
R652 10
Q610 2SC2785 RELAY DRIVER
SL
SR
C725 0.022
C775 0.022
R733 10
R783 10
R629 30k
C626 0.01
R630 2.2k
C625 0.022
R633 10
[SP (2F) BOA
CNP801
H
SUR BOARD CNS404 (Page 27)
[PS BOARD]
C906 0.22 25V
R910 47k
IC901 NJM2103
5.6V
P.RY
STOP
PWRY+
PWRY-
R912 12k
C917 0.1
IC901
POWER CONTR


12
13
14
15
16
17
18
19
20
21
22
Q546, Q596
RELAY
DRIVER
RY501
RY502
TM501
FRONT
SPEAKERS
C803/804
8E915
V909/VE910
10000 71V
10000 63V
CNP701
CNP604
CNP802
IC801
+12V REG
IC801
78M12
IC803
+12V REG
IC803
79M12
V909/VE910 MODEL
SUR BOARD
(Page 25)
CNP702
TSC-P
(TAIKO)
LS
WOOFER
4/8
MIX/SUB RY
MIX
SURR RY
C.RY
PWRY-
PWRY+
POWER-RY
STOP
CNS701
FFC
GND
GND
STOP
F1
F2
+12V
H.P RY
PRT INPUT
POWER RY
AC MUTE
MIX/SUB RY
SUR RY
C.RY
SP/A.RY
SP/B.RY
+32V
+5.6V
PWRY-
PWRY+
DISPLAY
BOARD
CNS104
(Page 49)
CNP703
CNS702
CNS905
[S-A-P BOARD]
HEADPHONE
BOARD
CNP805
CNP702
H.P L
GND
H.P R
J701
PHONES
RY602
Q610
2SC2785
RELAY
DRIVER
Q710
BN1F4M
PROTECTER
Q709
2SC1815
PROTECTER
Q609
2SC1815
PROTECTER
Q610
BN1F4M
PROTECTER
CNP603
SL
SR
[SP (2F) BOARD]
*8:F950, F
EXCEPT US
6.3A/250V
US CN8:8A
[SECONDARY BOARD
CNP801
CNP811
SUR BOARD
CNS404
(Page 27)
[PS BOARD]
CNP905
TSC-P
(TAIKO)
Q902
2SB2525
DELAY
+B SWITCH
IC901
NJM2103
IC901
POWER CONTROL


23
24
25
26
27
28
29
WIRELESS REAR SPEAKER
CNJ701
R734 4.7
R788 220k
R787 1k
R737 1k
R738 220k
R784 4.7
L701
L751
Q745 2SC2785 RELAY DRIVER
RY701
D706 1N4148M
R749 10
D749 1N4148M
20.3
R747 10k
R748 4.7k
TM701
SURROUND SPEAKERS
D748 2SB2012 REG.
21.1
18.1
17.8
R746 1k
D707 UZL18M
C706 470 35V
C707 47 25V
RY601
L601
R634 4.7
D649 1N4148M
R649 10
R648 4.7k
R647 10k
J1
J2
Q645 2SC2785 RELAY DRIVER
5.6V
5.7
2.5
Q611 BN1F4M INV.
J8
D607 1N4148M
CENTER
REAR
C
S (L)
S (R)
RY503
D543 1N4148M
R546 4.7k
R545 10
R544 4.7k
R543 10k
Q544 2SC2785 RELAY DRIVER
JS01
WOOFER
AUDIO OUT
IMPEDANCE SELECTOR
S501
8Ω ↔ 4Ω
DE915 MODEL
CNS703 TSC-P (TAIKO)
F951
US. CND:
250V
8A/125V
T901 POWER TRANSFORMER
F950 *8
F951 *8
PS901
C850 0.01µ 100V
PS902
PS903
100V
*9:F901
US. CND:8A/125V
EXCEPT US. CND:T4AL
VOL SEL BOARD
CNP912
CNP910
CNP911
T901
120V
0V
100V
240V
220V
S902
VOLTAGE SELECTOR
E. PX MODEL
F901 *9
CNP902
CNP908
F903 T4AL
CNP906
CNP904
F902 T2.5AL
CNJ909
AC OUTLET
EXCEPT US. CND. PX. CH MODEL
CNJ901
AC OUTLET
US. CND. PX. CH MODEL
CNP903
CNP901 AC IN
Q901 2SC2785 RELAY DRIVER
R903 4.7k
R902 10k
0.1
0.7
RY901
D907 1N4148M
D901 11ES2
D902 11ES2
D903 11ES2
D904 11ES2
D905 1N4148M
D906 1N4148M
C901 0.022
C902 0.022
T902
JW901
EXCEPT E. PX MODEL
DE915: US. CND MODEL
R901 3.3M 1/2W

Note :

- All capacitors are in µF unless otherwise noted. pF: µµF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- ▭ : non flammable resistor.
- ☐ : panel designation.
- B+ : B+ Line.
- B– : B– Line.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

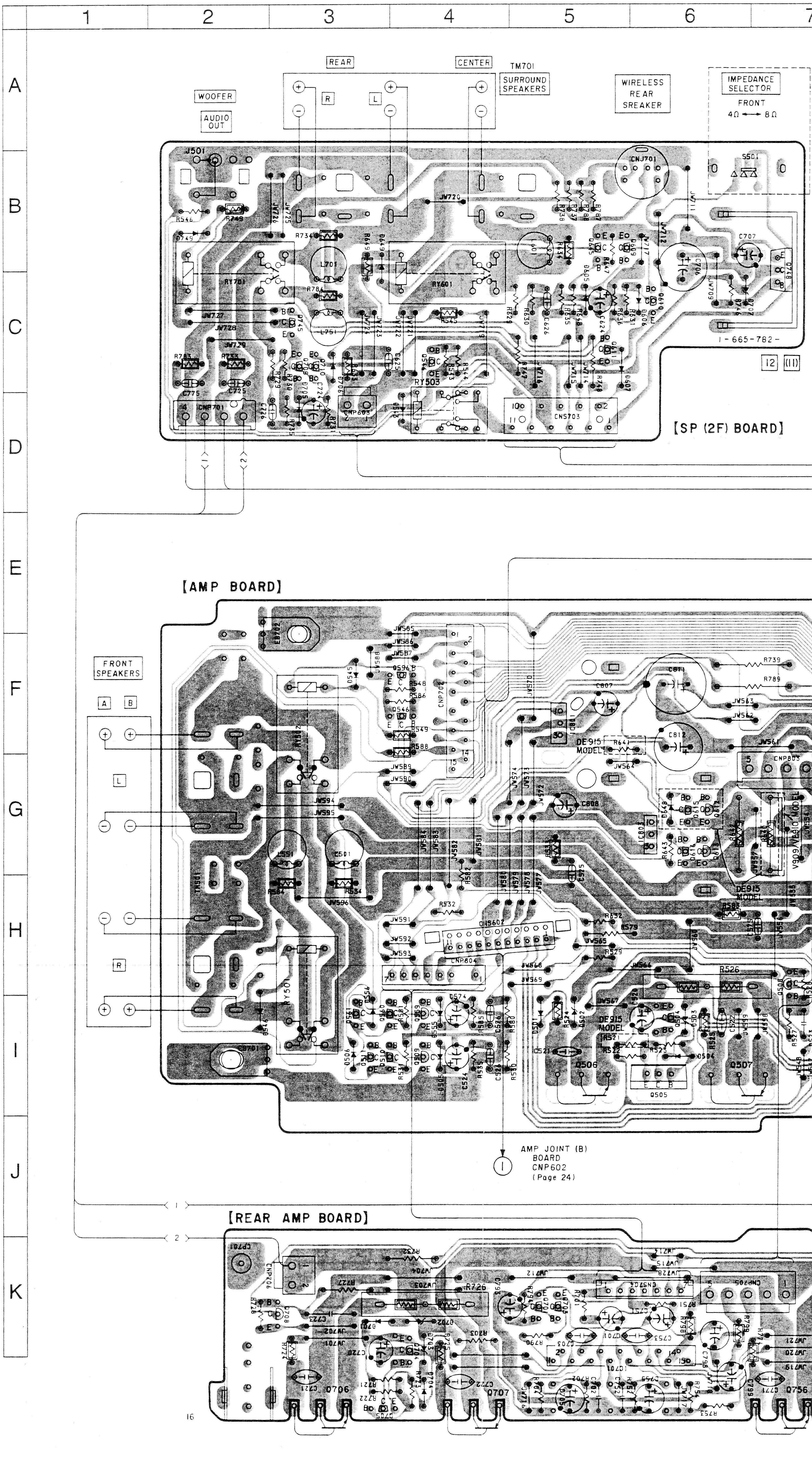
- Voltage is measured with respect to ground under no-signal conditions.
- Voltages are reference value measured by a VOM (10MΩ/V).
- Signal path

  ⇨ : FM ➡ : CD (ANALOG)
- Abbreviation

  CND : Canadian

  CH : Chinese

2-12. PRINTED WIRING BOARD — AMP, POWER SUPPLY SECTION —


1
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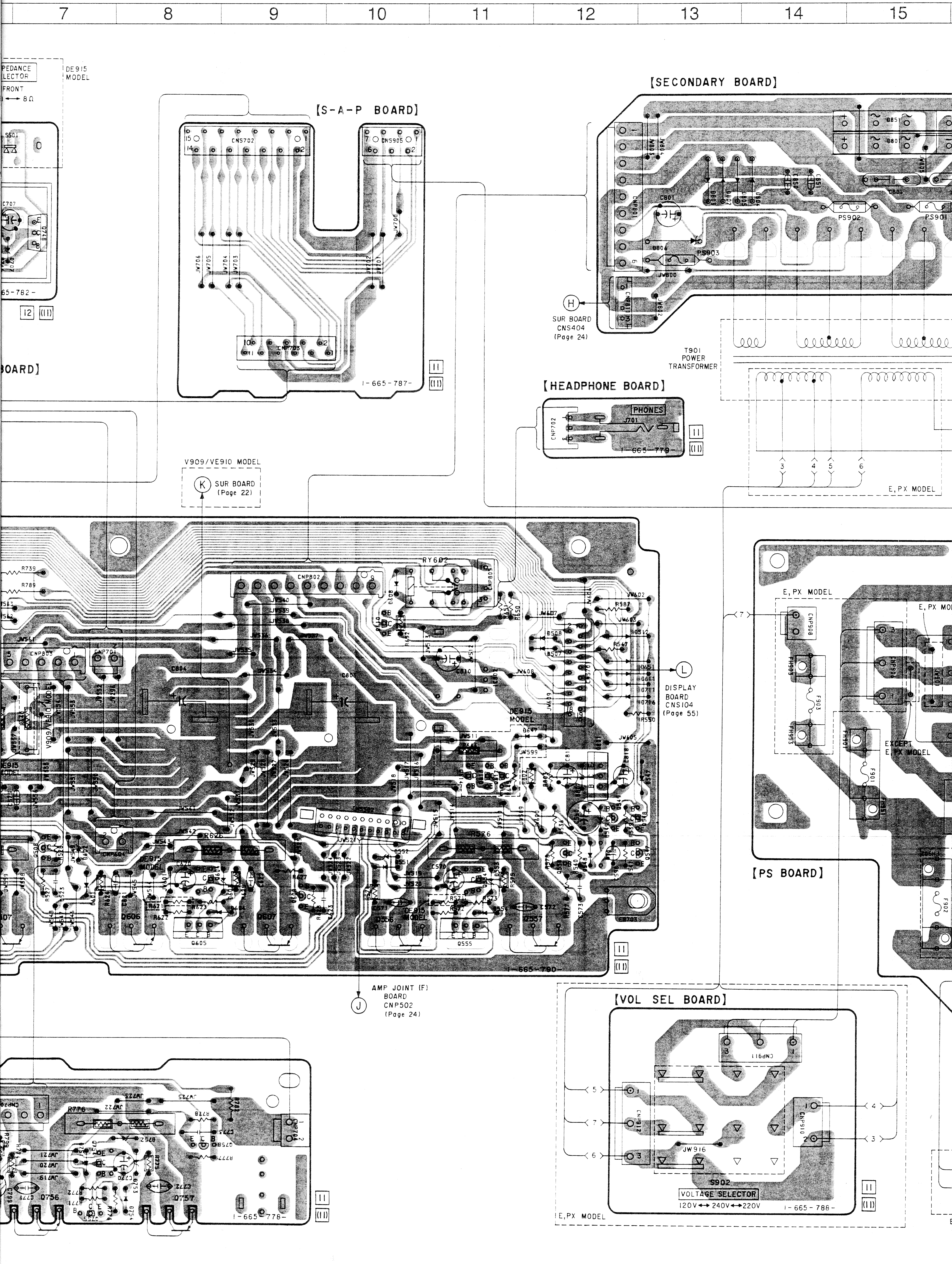
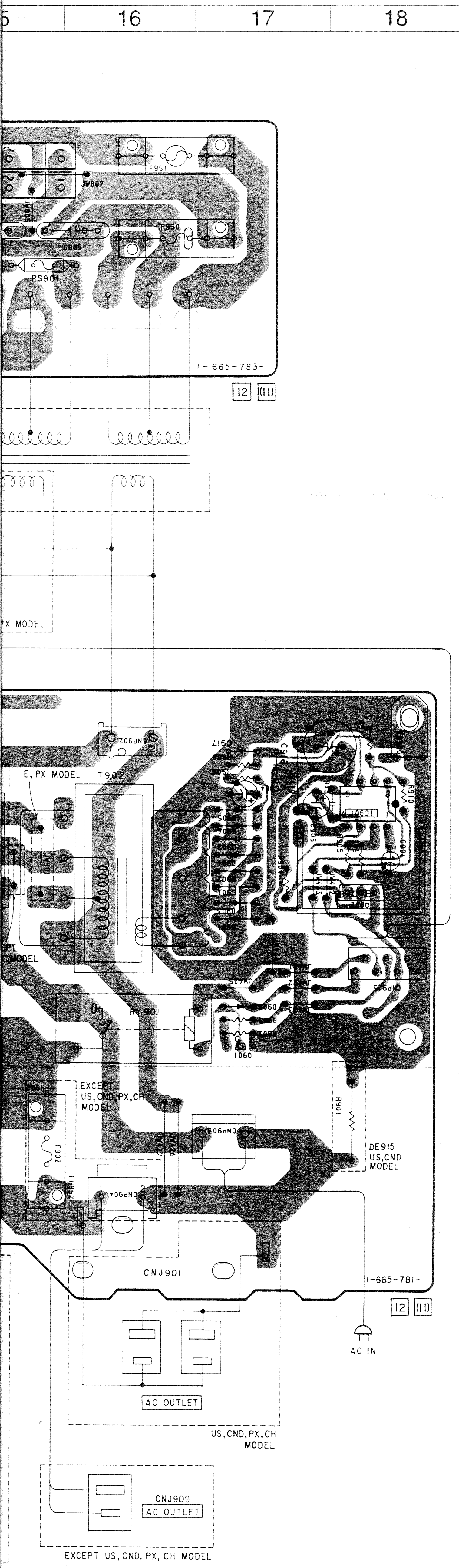
5
6
A
B
C
D
E
F
G
H
I
J
K
REAR
R
L
CENTER
TM701
SURROUND
SPEAKERS
WIRELESS
REAR
SREAKER
IMPEDANCE
SELECTOR
FRONT
4Ω ←→ 8Ω
WOOFER
AUDIO
OUT
J501
CNJ701
S501
RY701
RY601
RY503
L701
L751
CNP701
CNP603
CNS703
1-665-782-
12
(11)
[SP (2F) BOARD]
[AMP BOARD]
FRONT
SPEAKERS
A
B
L
R
RY501
RY502
IC501
IC502
C807
C811
C812
C808
CNP702
CNP803
CNP804
DE915
MODEL
Q506
Q507
Q505
AMP JOINT (B)
BOARD
CNP602
(Page 24)
[REAR AMP BOARD]
CP701
CNP206
CNP205
Q706
Q707
Q756
16

Note :

- ○—— : parts extracted from the component side.
- ▨▨▨ : pattern on the side which is seen.
- Abbreviation

CND : Canadian
CH : Chinese

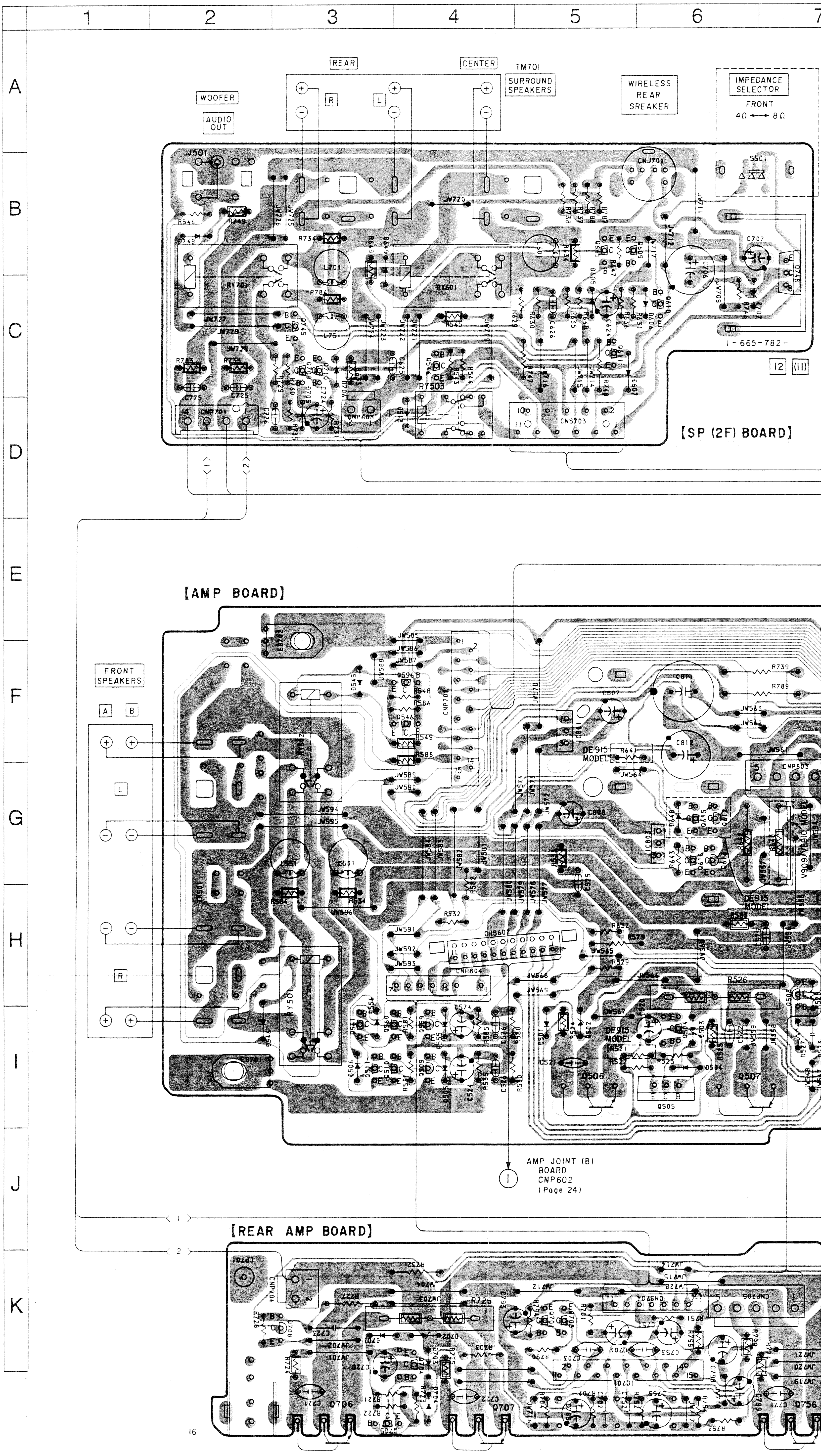

7
8
9
10
11
12
13
14
15
PEDANCE
LECTOR
FRONT
8Ω
DE915
MODEL
[S-A-P BOARD]
CNS702
CNS905
CNP703
1-665-787-
BOARD]
[SECONDARY BOARD]
CNP801
PS902
PS901
PS903
H
SUR BOARD
CNS404
(Page 24)
T901
POWER
TRANSFORMER
[HEADPHONE BOARD]
PHONES
J701
CNP702
1-665-779-
E, PX MODEL
V909/VE910 MODEL
K
SUR BOARD
(Page 22)
RY602
CNP802
CNP805
CNS701
L
DISPLAY
BOARD
CNS104
(Page 55)
DE915
MODEL
V909/VE910 MODEL
1-665-790-
J
AMP JOINT (F)
BOARD
CNP502
(Page 24)
E, PX MODEL
EXCEPT
E, PX MODEL
[PS BOARD]
[VOL SEL BOARD]
CNP911
CNP912
CNP910
JW916
S902
VOLTAGE SELECTOR
120V ↔ 240V ↔ 220V
1-665-786-
E, PX MODEL
1-665-778-
R776
Q756
Q757
65-782-


16
17
18
19
20
21
22
F951
JW807
F950
C805
PS901
1-665-783-
12
(11)
PX MODEL
E, PX MODEL
T902
CNP902
R910
IC901
RY901
1060
EXCEPT US, CND, PX, CH MODEL
F902
CNP903
CNP904
R901
DE915 US,CND MODEL
CNJ901
1-665-781-
12
(11)
AC IN
AC OUTLET
US,CND,PX,CH MODEL
CNJ909
AC OUTLET
EXCEPT US, CND, PX, CH MODEL

- **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D501	I-5	IC701	L-5
D502	I-5	IC801	F-5
D503	I-6	IC803	G-6
D504	I-6	IC901	G-18
D505	I-4		
D506	I-3	Q504	I-6
D507	G-12	Q505	I-6
D508	G-12	Q506	I-5
D512	G-13	Q507	I-6
D543	D-4	Q508	I-7
D545	F-3	Q509	I-4
D546	I-2	Q510	I-3
D547	H-13	Q511	I-3
D548	I-12	Q544	C-4
D549	H-12	Q546	F-4
D551	I-10	Q547	I-13
D552	I-10	Q548	H-13
D553	I-11	Q549	H-12
D554	I-11	Q554	I-11
D555	I-4	Q555	I-11
D556	I-3	Q556	I-10
D601	I-7	Q557	I-11
D602	I-7	Q558	I-12
D603	I-9	Q559	I-4
D604	I-9	Q560	I-3
D605	C-5	Q561	I-3
D606	C-6	Q596	F-4
D607	C-5	Q604	I-8
D608	F-10	Q605	I-8
D611	G-13	Q606	I-8
D647	G-11	Q607	I-9
D648	G-6	Q608	I-9
D649	B-3	Q609	B-6
D651	G-13	Q610	F-10
D701	K-3	Q610	C-6
D702	K-4	Q611	C-5
D703	K-4	Q612	G-6
D704	L-4	Q613	G-6
D705	D-3	Q614	H-11
D706	C-3	Q615	G-6
D707	C-6	Q616	G-6
D711	G-13	Q617	H-11
D716	G-13	Q618	H-11
D749	B-2	Q645	B-5
D751	K-7	Q701	K-5
D752	K-8	Q703	K-5
D753	L-8	Q704	K-4
D754	L-8	Q705	L-3
D801	B-15	Q706	L-3
D802	B-13	Q707	L-4
D803	B-13	Q708	K-2
D804	B-14	Q709	C-3
D805	B-14	Q710	C-3
D806	C-13	Q745	C-3
D807	H-12	Q748	C-7
D851	B-15	Q754	K-7
D901	G-17	Q755	L-7
D902	G-17	Q756	L-7
D903	G-17	Q757	L-8
D904	G-17	Q758	K-8
D905	G-17	Q801	H-12
D906	G-17	Q901	H-17
D907	H-17	Q902	G-18

2-12. PRINTED WIRING BOARD — AMP, POWER SUPPLY SECTION —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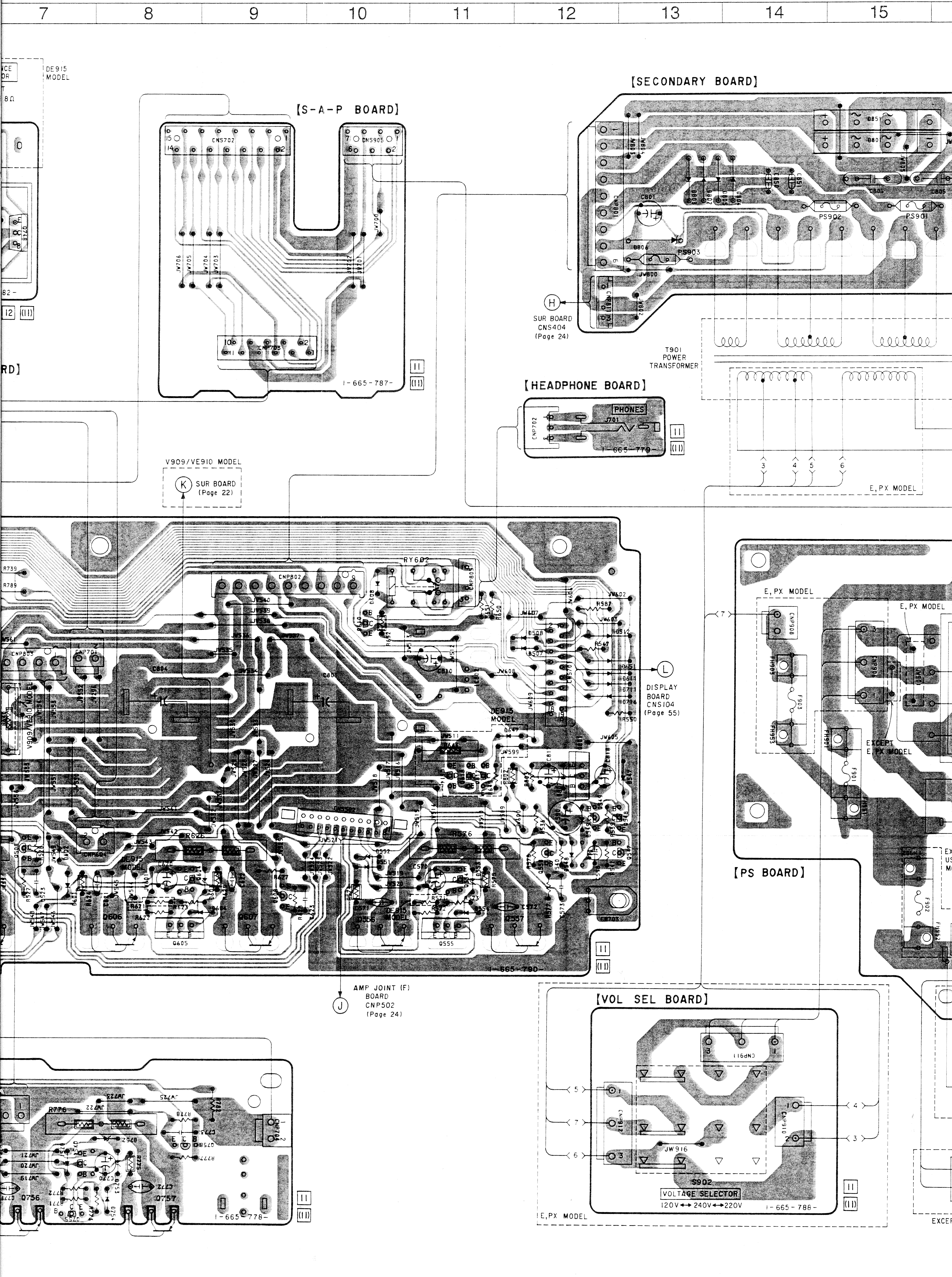
A
B
C
D
E
F
G
H
I
J
K
REAR
CENTER
TM701
SURROUND SPEAKERS
WIRELESS REAR SREAKER
IMPEDANCE SELECTOR
FRONT
4Ω ←→ 8Ω
WOOFER
AUDIO OUT
R
L
J501
CNJ701
S501
RY701
RY601
RY503
L701
L751
C707
C706
C725
C775
CNP701
CNP603
CN5703
1-665-782-
12
(11)
[SP (2F) BOARD]
[AMP BOARD]
FRONT SPEAKERS
A
B
L
R
TM501
RY501
L591
L501
CNP702
CNP804
CNP803
IC607
IC803
C811
C812
C807
C808
DE915 MODEL
Q505
Q506
Q507
AMP JOINT (B) BOARD CNP602 (Page 24)
1
2
[REAR AMP BOARD]
CNP206
CNP205
IC701
Q706
Q707
Q756
16

Note :

- ○—— : parts extracted from the component side.
- ▒▒▒ : pattern on the side which is seen.
- Abbreviation

CND : Canadian
CH : Chinese



7
8
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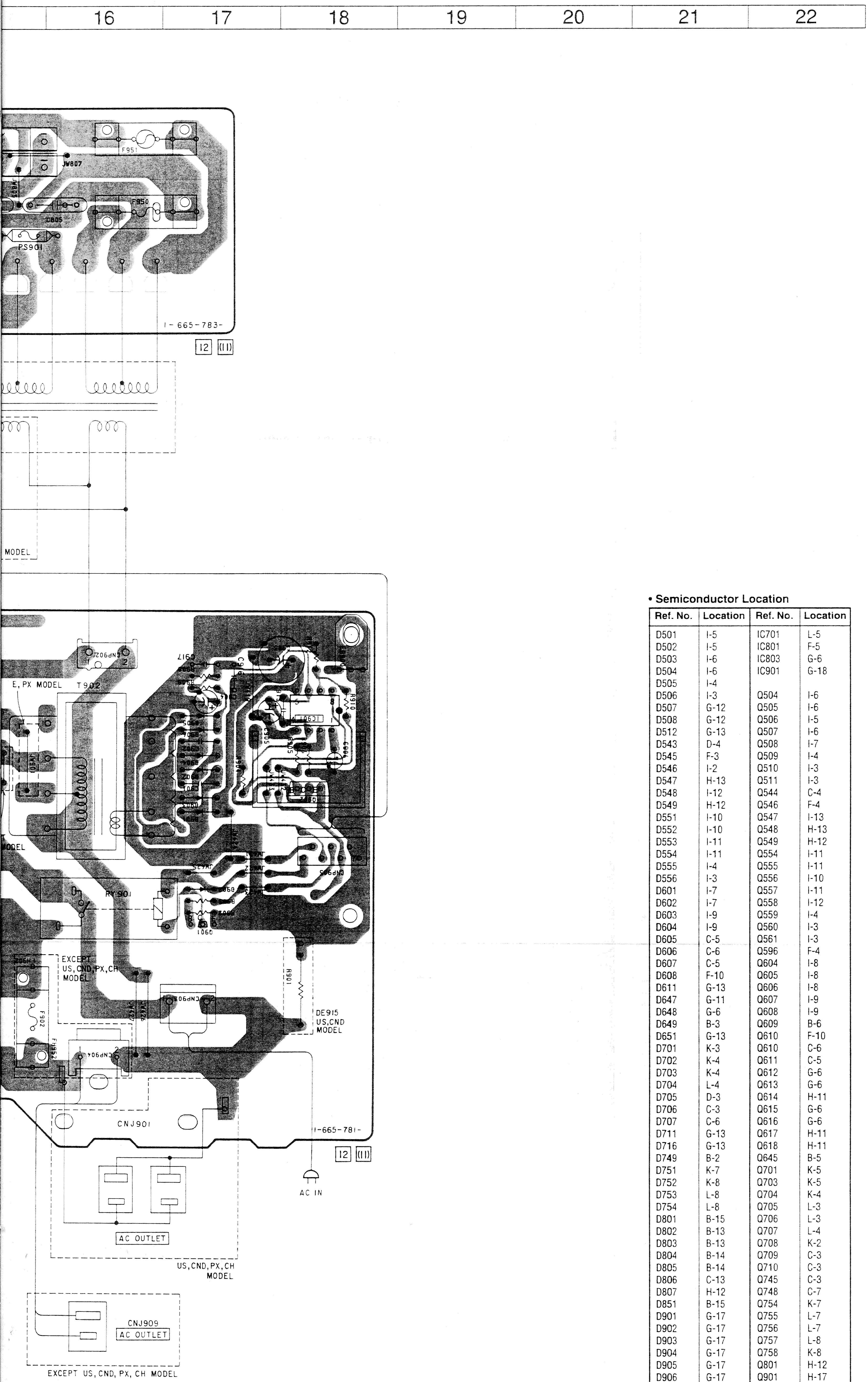
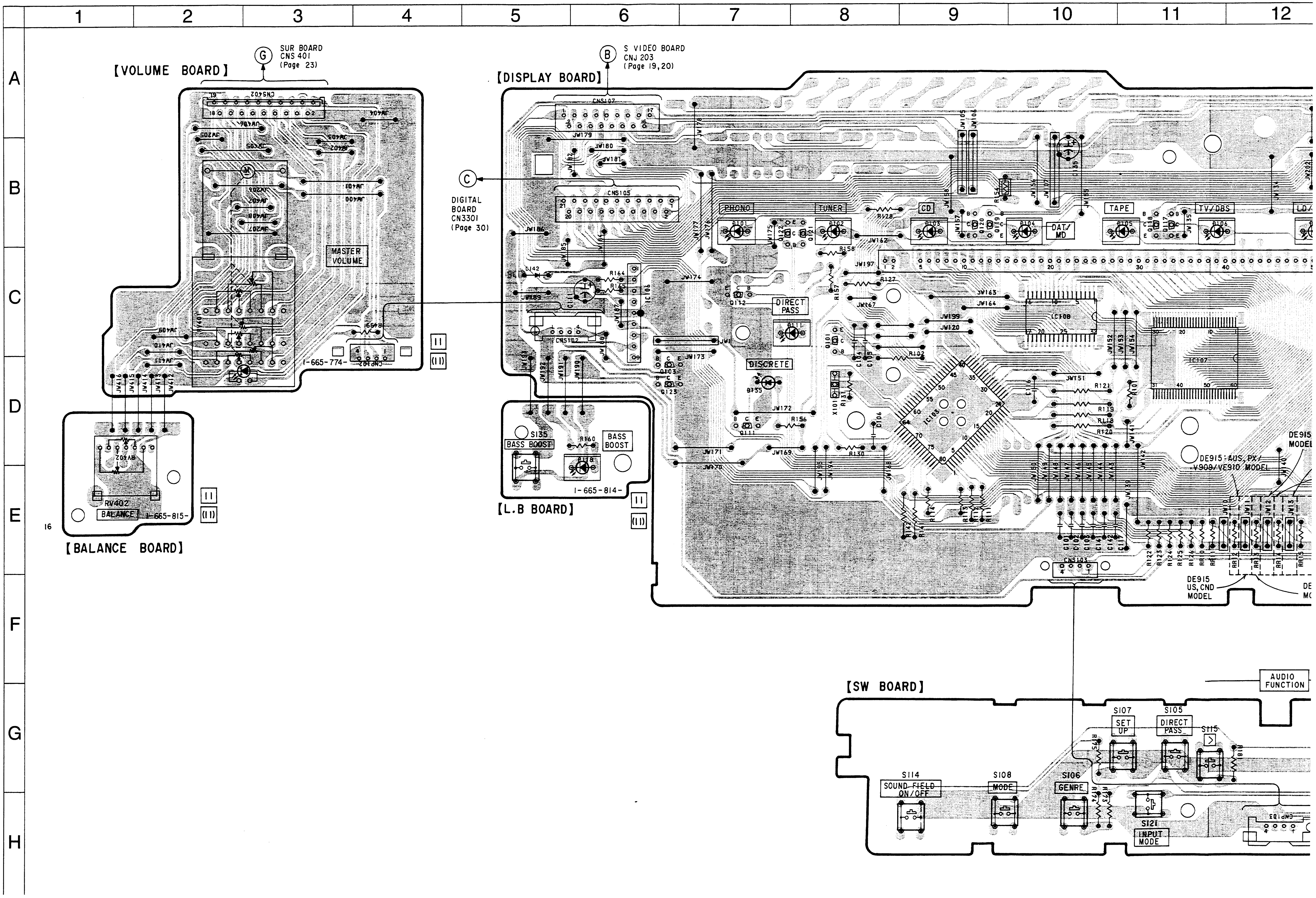
13
14
15
DE915 MODEL
[S-A-P BOARD]
CNS702
CNS905
CNP703
1-665-787-
11
(11)
[SECONDARY BOARD]
CNP801
CNP803
C801
D801
D802
D803
D804
D805
D806
D807
C850
C851
C803
C805
PS901
PS902
PS903
JW800
JW801
JW802
H
SUR BOARD CNS404 (Page 24)
T901 POWER TRANSFORMER
[HEADPHONE BOARD]
PHONES
J701
CNP702
1-665-779-
E, PX MODEL
V909/VE910 MODEL
K
SUR BOARD (Page 22)
RY602
CNP802
CNP805
CNP701
CNP803
CNP804
CNS701
L
DISPLAY BOARD CNS104 (Page 55)
DE915 MODEL
V909/VE910 MODEL
Q605
Q606
Q607
Q555
Q556
Q557
1-665-790-
AMP JOINT (F) BOARD CNP502 (Page 24)
J
E, PX MODEL
EXCEPT E, PX MODEL
CNP908
CNP906
F901
F902
F903
[PS BOARD]
[VOL SEL BOARD]
CNP911
CNP912
CNP910
JW916
S902
VOLTAGE SELECTOR
120V↔240V↔220V
1-665-788-
E, PX MODEL
R776
Q756
Q757
CNP704
1-665-778-

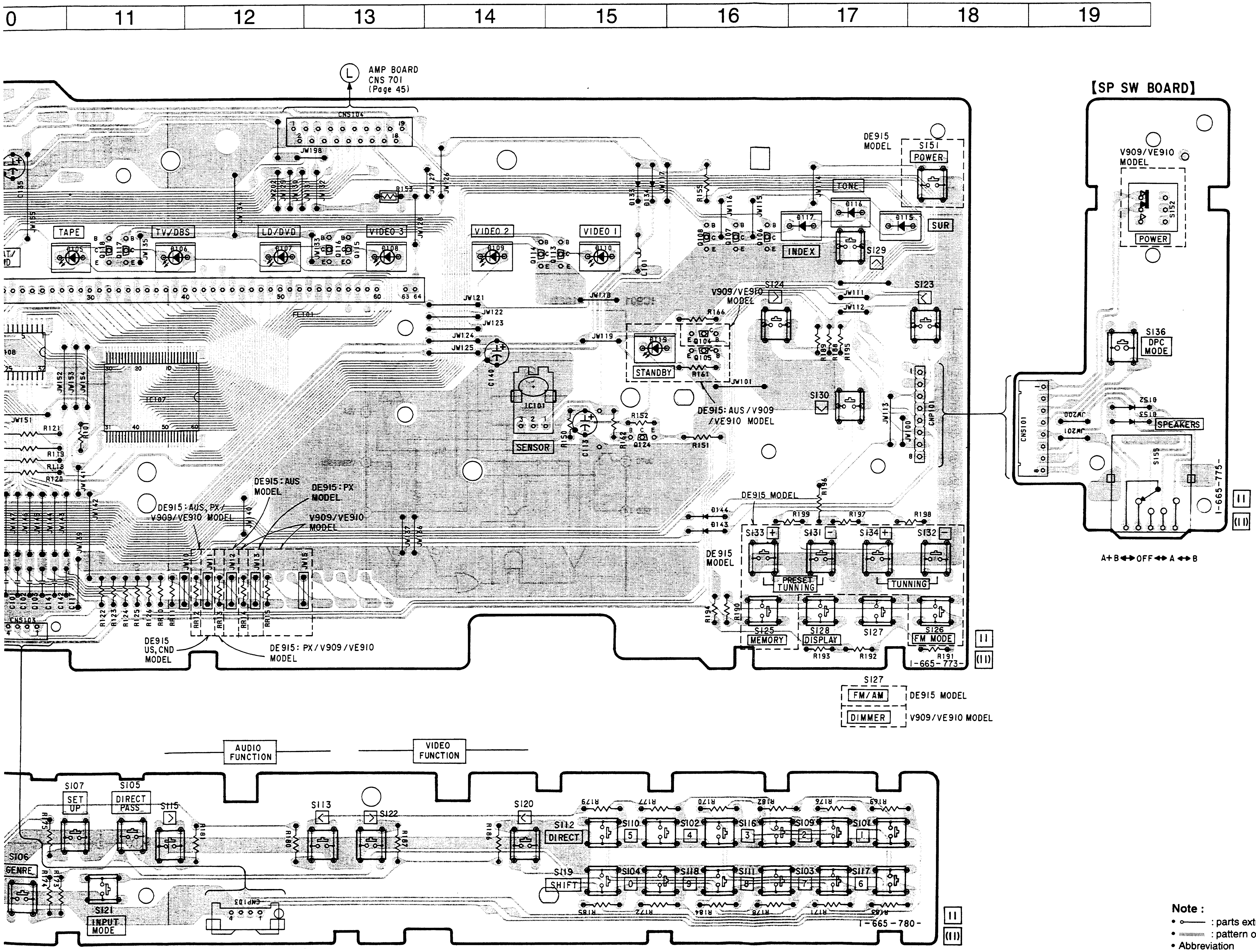

16
17
18
19
20
21
22
F951
JW807
F950
C805
PS901
1-665-783-
12 (11)
MODEL
CNP902
E, PX MODEL
T902
IC901
R910
MODEL
RY901
CNP905
EXCEPT US, CND, PX, CH MODEL
R901
CNP903
DE915 US, CND MODEL
F902
CNP904
CNJ901
1-665-781-
12 (11)
AC IN
AC OUTLET
US, CND, PX, CH MODEL
CNJ909
AC OUTLET
EXCEPT US, CND, PX, CH MODEL

• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D501	I-5	IC701	L-5
D502	I-5	IC801	F-5
D503	I-6	IC803	G-6
D504	I-6	IC901	G-18
D505	I-4		
D506	I-3	Q504	I-6
D507	G-12	Q505	I-6
D508	G-12	Q506	I-5
D512	G-13	Q507	I-6
D543	D-4	Q508	I-7
D545	F-3	Q509	I-4
D546	I-2	Q510	I-3
D547	H-13	Q511	I-3
D548	I-12	Q544	C-4
D549	H-12	Q546	F-4
D551	I-10	Q547	I-13
D552	I-10	Q548	H-13
D553	I-11	Q549	H-12
D554	I-11	Q554	I-11
D555	I-4	Q555	I-11
D556	I-3	Q556	I-10
D601	I-7	Q557	I-11
D602	I-7	Q558	I-12
D603	I-9	Q559	I-4
D604	I-9	Q560	I-3
D605	C-5	Q561	I-3
D606	C-6	Q596	F-4
D607	C-5	Q604	I-8
D608	F-10	Q605	I-8
D611	G-13	Q606	I-8
D647	G-11	Q607	I-9
D648	G-6	Q608	I-9
D649	B-3	Q609	B-6
D651	G-13	Q610	F-10
D701	K-3	Q610	C-6
D702	K-4	Q611	C-5
D703	K-4	Q612	G-6
D704	L-4	Q613	G-6
D705	D-3	Q614	H-11
D706	C-3	Q615	G-6
D707	C-6	Q616	G-6
D711	G-13	Q617	H-11
D716	G-13	Q618	H-11
D749	B-2	Q645	B-5
D751	K-7	Q701	K-5
D752	K-8	Q703	K-5
D753	L-8	Q704	K-4
D754	L-8	Q705	L-3
D801	B-15	Q706	L-3
D802	B-13	Q707	L-4
D803	B-13	Q708	K-2
D804	B-14	Q709	C-3
D805	B-14	Q710	C-3
D806	C-13	Q745	C-3
D807	H-12	Q748	C-7
D851	B-15	Q754	K-7
D901	G-17	Q755	L-7
D902	G-17	Q756	L-7
D903	G-17	Q757	L-8
D904	G-17	Q758	K-8
D905	G-17	Q801	H-12
D906	G-17	Q901	H-17
D907	H-17	Q902	G-18

2-14. PRINTED WIRING BOARD — DISPLAY SECTION —


1
2
3
4
5
6
7
8
9
10
11
12
A
B
C
D
E
F
G
H
G SUR BOARD CNS 401 (Page 23)
[VOLUME BOARD]
CNS402
MASTER VOLUME
RV401
CNP402
1-665-774-
11
(11)
JW415
JW414
JW413
JW412
JW411
RV402
BALANCE
1-665-815-
[BALANCE BOARD]
16
B S VIDEO BOARD CNJ 203 (Page 19,20)
[DISPLAY BOARD]
CNS107
CNS105
C DIGITAL BOARD CN3301 (Page 30)
CNS102
IC106
PHONO
TUNER
CD
DAT/MD
TAPE
TV/DBS
LD/
DIRECT PASS
DISCRETE
IC108
IC107
IC103
X101
CNS103
DE915: AUS, PX/V909/VE910 MODEL
DE915 MODEL
DE915 US, CND MODEL
S135
BASS BOOST
BASS BOOST
1-665-814-
[L.B BOARD]
[SW BOARD]
AUDIO FUNCTION
S107 SET UP
S105 DIRECT PASS
S115
S114 SOUND FIELD ON/OFF
S108 MODE
S106 GENRE
S121 INPUT MODE
CNP103


0
11
12
13
14
15
16
17
18
19
L AMP BOARD CNS 701 (Page 45)
CNS104
TAPE
TV/DBS
LD/DVD
VIDEO 3
VIDEO 2
VIDEO 1
TONE
SUR
INDEX
DE915 MODEL
S151 POWER
S129
S124
S123
V909/VE910 MODEL
R166
STANDBY
Q104
Q105
R161
JW101
IC107
IC101
SENSOR
Q124
R151
R152
S130
CNP101
DE915: AUS/V909/VE910 MODEL
DE915: AUS MODEL
DE915: PX MODEL
DE915: AUS, PX/V909/VE910 MODEL
V909/VE910 MODEL
DE915 MODEL
D144
D143
R199
R197
R198
S133 +
S131 −
S134 +
S132 −
PRESET TUNNING
TUNNING
S125 MEMORY
S128 DISPLAY
S127
S126 FM MODE
R193
R192
R191
1-665-773-
(11)
CNS103
DE915 US, CND MODEL
DE915: PX/V909/VE910 MODEL
S127
FM/AM DE915 MODEL
DIMMER V909/VE910 MODEL
AUDIO FUNCTION
VIDEO FUNCTION
S107 SET UP
S105 DIRECT PASS
S115
S113
S122
S120
S112 DIRECT
S110
S102
S116
S109
S101
S106 GENRE
S121 INPUT MODE
S119 SHIFT
S104
S118
S111
S103
S117
CNP103
1-665-780-
【SP SW BOARD】
V909/VE910 MODEL
S152
POWER
S136 DPC MODE
CNS101
JW200
JW201
D152
D153
SPEAKERS
S155
1-665-775-
A+B◄►OFF◄►A◄►B

• Semiconductor Location

Ref. No.	Location
D101	B-7
D102	B-8
D103	B-9
D104	B-10
D105	B-11
D106	B-11
D107	B-12
D108	B-13
D109	B-14
D110	B-15
D111	C-8
D115	B-18
D116	B-17
D117	B-17
D118	E-6
D119	C-15
D133	B-15
D134	B-15
D135	D-7
D142	C-5
D143	E-16
D144	E-16
D152	D-19
D153	D-19
IC101	D-14
IC103	D-9
IC106	C-6
IC107	D-11
IC108	C-10
Q101	C-8
Q103	D-6
Q104	C-16
Q105	C-16
Q106	B-16
Q107	B-16
Q108	B-16
Q111	D-7
Q112	C-7
Q113	B-15
Q114	B-15
Q115	B-13
Q116	B-13
Q117	B-11
Q118	B-11
Q119	B-9
Q120	B-9
Q121	B-8
Q122	B-7
Q123	D-6
Q124	D-15

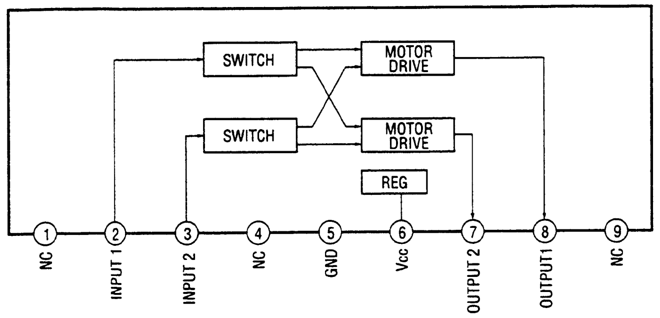
Note :

- ○—— : parts extracted from the component side.
- ▨ : pattern on the side which is seen.
- Abbreviation

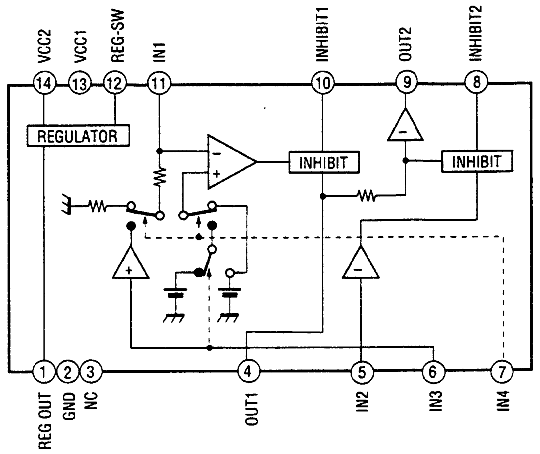
CND : Canadian
AUS : Australian

2-11. IC BLOCK DIAGRAMS

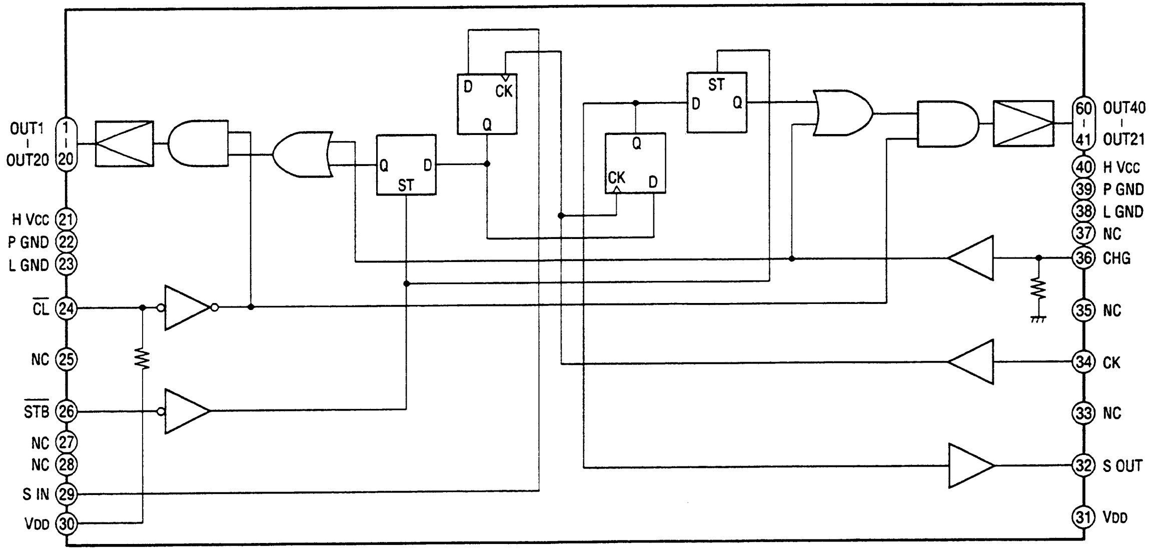
IC106 BA6208


SWITCH
MOTOR DRIVE
SWITCH
MOTOR DRIVE
REG
NC
INPUT 1
INPUT 2
NC
GND
Vcc
OUTPUT 2
OUTPUT1
NC

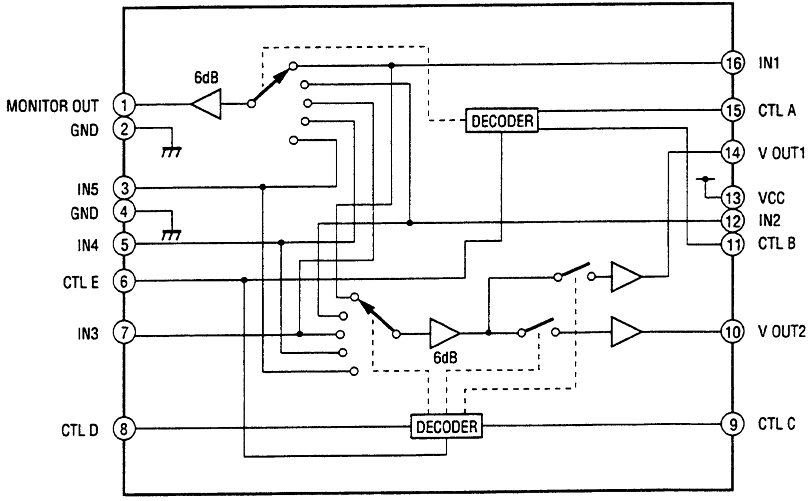
IC223 NJM2129D


VCC2
VCC1
REG-SW
IN1
INHIBIT1
OUT2
INHIBIT2
REGULATOR
INHIBIT
INHIBIT
REG OUT
GND
NC
OUT1
IN2
IN3
IN4

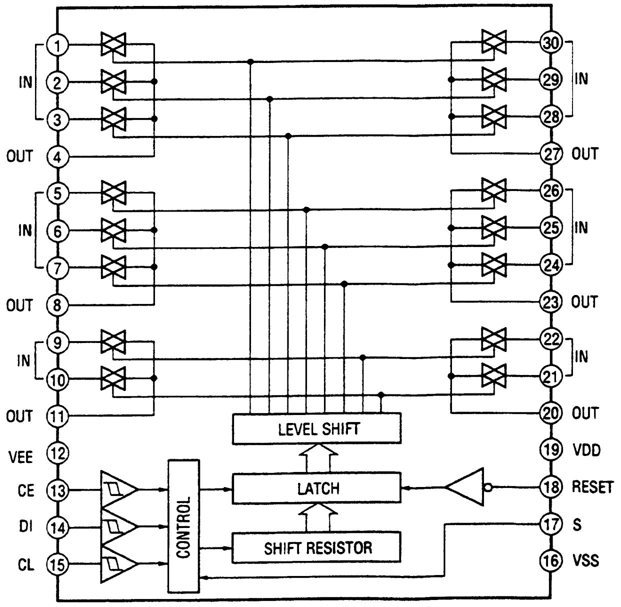
IC107 TD62C950RF


OUT1
OUT20
H VCC
P GND
L GND
CL
NC
STB
NC
NC
S IN
VDD
D CK
Q
ST
Q D
Q
CK D
ST
D Q
OUT40
OUT21
H Vcc
P GND
L GND
NC
CHG
NC
CK
NC
S OUT
VDD

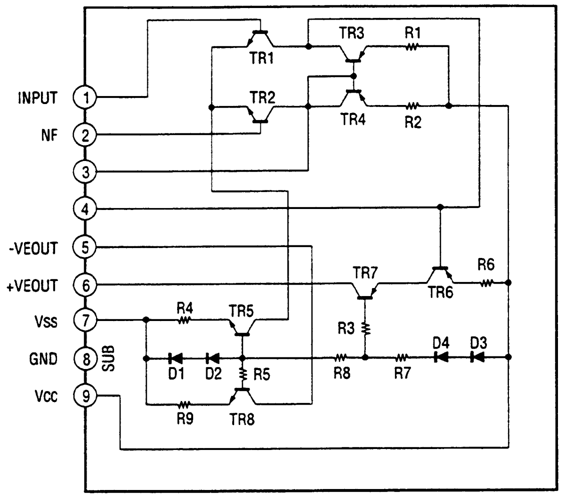
IC203, 204, 211 SN761200


MONITOR OUT
GND
IN5
GND
IN4
CTL E
IN3
CTL D
6dB
DECODER
6dB
DECODER
IN1
CTL A
V OUT1
VCC
IN2
CTL B
V OUT2
CTL C

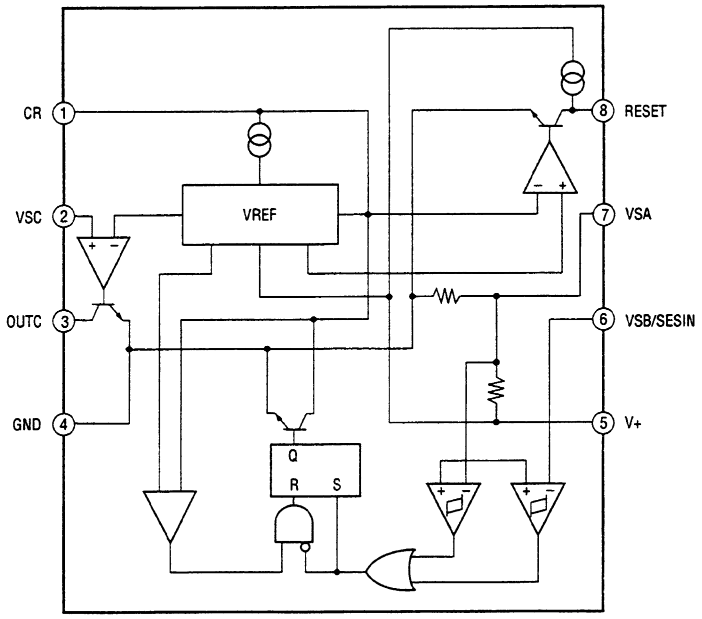
IC301, 303 LC7822


IN
OUT
IN
OUT
IN
OUT
VEE
CE
DI
CL
CONTROL
LEVEL SHIFT
LATCH
SHIFT RESISTOR
IN
OUT
IN
OUT
IN
OUT
VDD
RESET
S
VSS

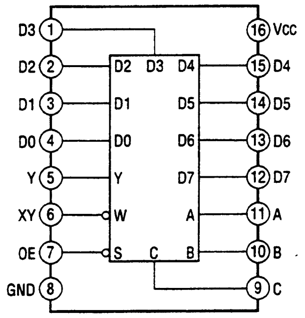
IC601 STK350-230


INPUT
NF
-VEOUT
+VEOUT
Vss
GND
Vcc
SUB
TR1
TR2
TR3
TR4
R1
R2
TR7
TR6
R6
R4
TR5
R3
D1
D2
R5
R8
R7
D4
D3
R9
TR8

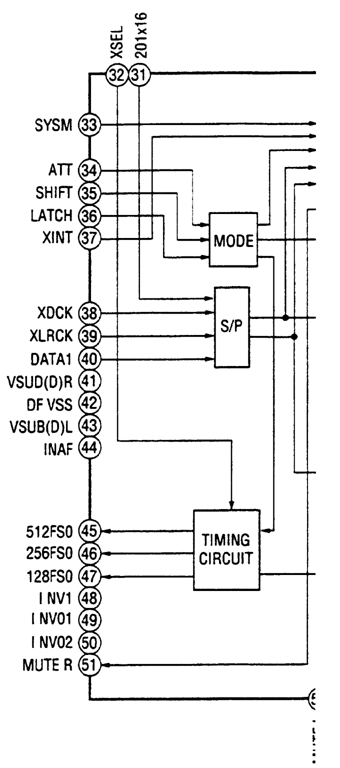
IC901 NJM2103D


CR
VSC
OUTC
GND
VREF
Q
R S
RESET
VSA
VSB/SESIN
V+

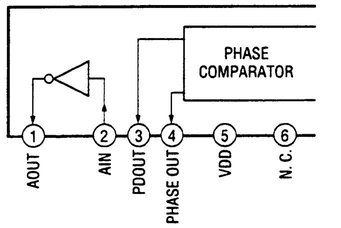
IC3313 TC74HC151AF-TP1


D3
D2
D1
D0
Y
XY
OE
GND
D2 D3 D4
D1 D5
D0 D6
Y D7
W A
S C B
Vcc
D4
D5
D6
D7
A
B
C

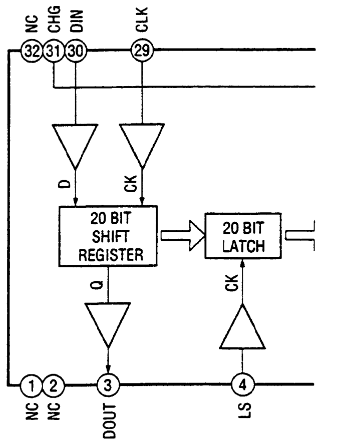
IC3401, 3402, 3403 CXD8


XSEL
20Ix16
SYSM
ATT
SHIFT
LATCH
XINT
MODE
XDCK
XLRCK
DATA1
VSUD(D)R
DF VSS
VSUB(D)L
INAF
S/P
512FSO
256FSO
128FSO
I NV1
I NVO1
I NVO2
MUTE R
TIMING CIRCUIT

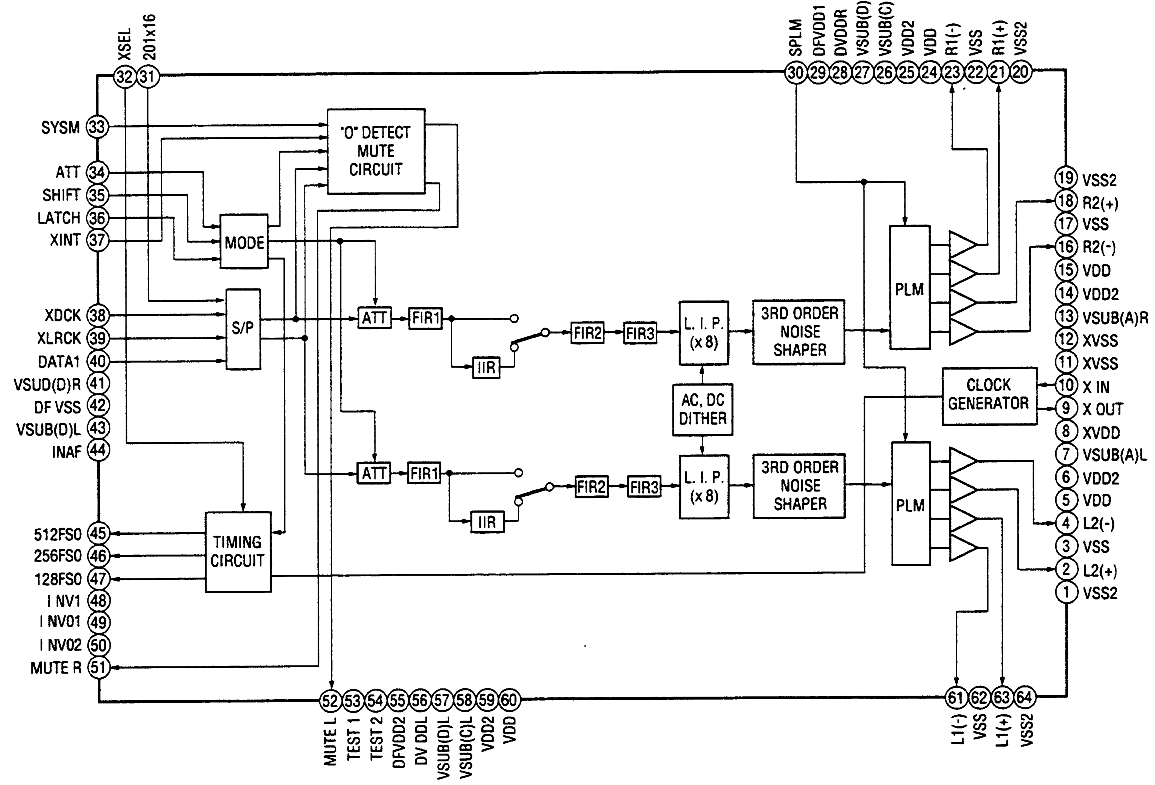
IC3409 TC5081AP


PHASE COMPARATOR
AOUT
AIN
PDOUT
PHASE OUT
VDD
N.C.

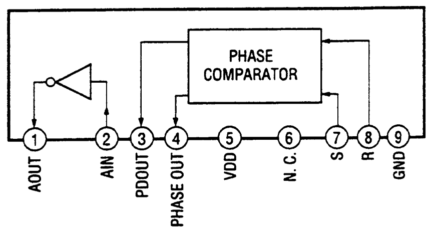
IC108 MSC1164GS-K


NC
CHG
DIN
CLK
D
CK
20 BIT SHIFT REGISTER
20 BIT LATCH
Q
CK
NC
NC
DOUT
LS

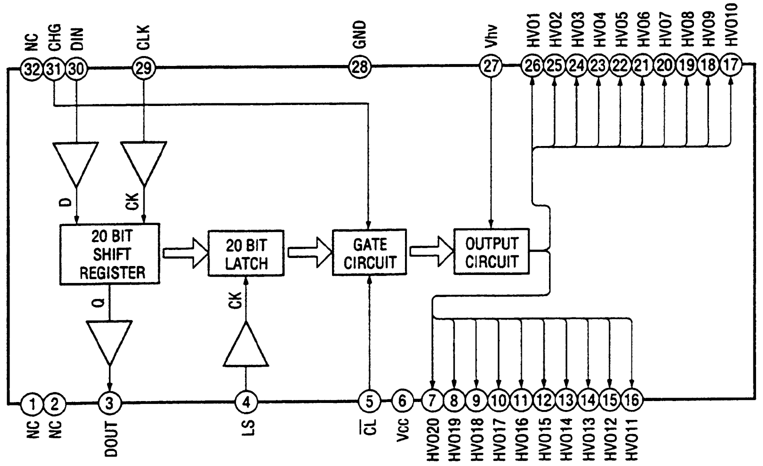
IC3401, 3402, 3403 CXD8505BQ


XSEL
201x16
SPLM
DFVDD1
DVDDR
VSUB(D)R
VSUB(C)R
VDD2
VDD
R1(-)
VSS
R1(+)
VSS2
SYSM 33
ATT 34
SHIFT 35
LATCH 36
XINT 37
XDCK 38
XLRCK 39
DATA1 40
VSUD(D)R 41
DF VSS 42
VSUB(D)L 43
INAF 44
512FS0 45
256FS0 46
128FS0 47
I NV1 48
I NV01 49
I NV02 50
MUTE R 51
"0" DETECT MUTE CIRCUIT
MODE
S/P
ATT
FIR1
IIR
FIR2
FIR3
L. I. P. (x 8)
3RD ORDER NOISE SHAPER
AC, DC DITHER
PLM
CLOCK GENERATOR
TIMING CIRCUIT
19 VSS2
18 R2(+)
17 VSS
16 R2(-)
15 VDD
14 VDD2
13 VSUB(A)R
12 XVSS
11 XVSS
10 X IN
9 X OUT
8 XVDD
7 VSUB(A)L
6 VDD2
5 VDD
4 L2(-)
3 VSS
2 L2(+)
1 VSS2
MUTE L
TEST 1
TEST 2
DFVDD2
DV DDL
VSUB(D)L
VSUB(C)L
VDD2
VDD
L1(-)
VSS
L1(+)
VSS2

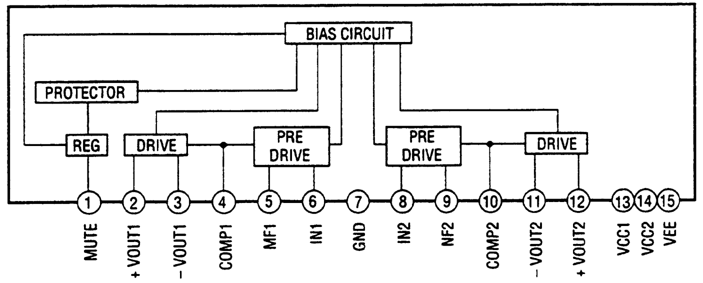
IC3409 TC5081AP


PHASE COMPARATOR
AOUT
AIN
PDOUT
PHASE OUT
VDD
N. C.
S
R
GND

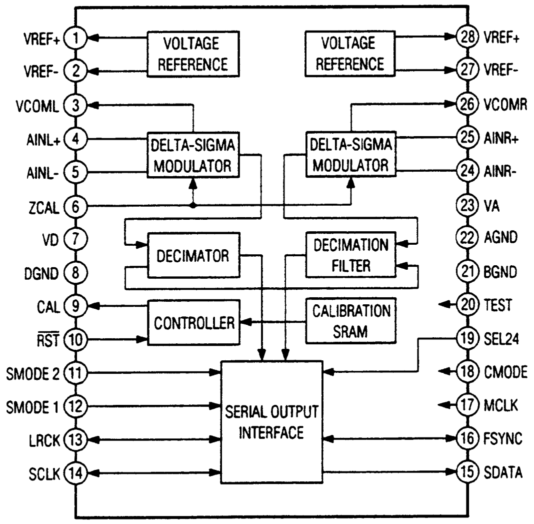
IC108 MSC1164GS-K


NC
CHG
DIN
CLK
GND
Vhv
HVO1
HVO2
HVO3
HVO4
HVO5
HVO6
HVO7
HVO8
HVO9
HVO10
D
CK
20 BIT SHIFT REGISTER
20 BIT LATCH
GATE CIRCUIT
OUTPUT CIRCUIT
Q
CK
NC
NC
DOUT
LS
CL
Vcc
HVO20
HVO19
HVO18
HVO17
HVO16
HVO15
HVO14
HVO13
HVO12
HVO11

IC501, 701 uPC2581V


BIAS CIRCUIT
PROTECTOR
REG
DRIVE
PRE DRIVE
PRE DRIVE
DRIVE
MUTE
+VOUT1
-VOUT1
COMP1
MF1
IN1
GND
IN2
NF2
COMP2
-VOUT2
+VOUT2
VCC1
VCC2
VEE

IC3104 CXD8681M-TP


VREF+ 1
VREF- 2
VCOML 3
AINL+ 4
AINL- 5
ZCAL 6
VD 7
DGND 8
CAL 9
RST 10
SMODE 2 11
SMODE 1 12
LRCK 13
SCLK 14
VOLTAGE REFERENCE
VOLTAGE REFERENCE
DELTA-SIGMA MODULATOR
DELTA-SIGMA MODULATOR
DECIMATOR
DECIMATION FILTER
CONTROLLER
CALIBRATION SRAM
SERIAL OUTPUT INTERFACE
28 VREF+
27 VREF-
26 VCOMR
25 AINR+
24 AINR-
23 VA
22 AGND
21 BGND
20 TEST
19 SEL24
18 CMODE
17 MCLK
16 FSYNC
15 SDATA

2-16. IC PIN FUNCTION

• IC103 MB90673PF-G-206-BND (MODE CONTROL)

Pin No.	Pin Name	I/O	Description
1	MBUS-V2	I	M-BUS (VIDEO2) input.
2	MBUS-MON	I	M-BUS (MONITOR) input.
3	STATUS-OUT	O	M-BUS status output.
4	N.C.	—	Not used.
5	N.C.	—	Not used.
6	N.C.	—	Not used.
7	LED-STBY	O	LED output (STANDBY).
8	LED-SURR	O	LED output (DPC: SUR).
9	LED-TONE	O	LED output (DPC: EQ).
10	LED-INDEX	O	LED output (DPC: INDEX).
11	Vss	—	Ground.
12	LED-CD	O	LED output (CD).
13	LED-DAT/MC	O	LED output (DAT/MD).
14	LED-TAPE	O	LED output (TAPE).
15	LED-TV	O	LED output (TV).
16	LED-LD	O	LED output (LD).
17	LED-V3	O	LED output (VIDEO3).
18	LED-V2	O	LED output (VIDEO2).
19	LED-V1	O	LED output (VIDEO1).
20	RX	—	Not used.
21	TX	—	Not used.
22	BUSY	—	Not used.
23	FLCLR	O	FL clear output (FL tube).
24	FLDAT	O	FL data output (FL tube).
25	FLCLK	O	FL clock output (FL tube).
26	FLLAT	O	FL latch output (FL tube).
27	SIRCS	I	SIRCS remote control signal input.
28	AVcc	—	5V.(Backup power supply)
29	AVR +	—	5V.
30	AVR –	—	Ground.
31	AVss	—	Ground.
32	ADKIN1	I	AD KEY input 1 [Open drain]
33	ADKIN2	I	AD KEY input 2 [Open drain]
34	Vss	—	Ground.
35	ADKIN3	I	AD KEY input 3 [Open drain].
36	ADKIN4	I	AD KEY input 4 [Open drain].
37	ADKIN5	I	AD KEY input 5 [Open drain].
38	AD-VERSION	I	AD VERSION input [Open drain].
39	VOLUP	O	VOLUME UP.
40	VOLDOWN	O	VOLUME DOWN.
41	MD0	I	Mode setting, High (Backup power supply).
42	MD1	I	Mode setting, High (Backup power supply).
43	MD2	I	Mode swetting, Low.
44	STANDBY	I	STOP input.
45	STOP	I	Hardware standby, High.
46	U-RESET	O	Reset signal. (Control microprocessor).
47	U-SREQ	I	Salve request & data. (Control microprocessor).
48	U-MREQ	O	Master request. (Control microprocessor).
49	U-DATA	O	Master data. (Control microprocessor).
50	U-CLOCK	O	Master clock. (Control microprocessor).

Pin No.	Label Name	I/O	Description
51	GND	—	L: HiFi, H: ES.
52	AUBUS IN	I	Control-A1.
53	AUBUS OUT	O	Control-A1.
54	GND	—	Ground.
55	EN-FNC.B	I	Encoder input (Function-B).
56	EN-FNC.A	I	Encoder input (Function-A).
57	UP/DOWN-B	—	Not used.
58	UP/DOWN-A	—	Not used.
59	LEFT/RIGHT-B	—	Not used.
60	LEFT/RIGHT-A	—	Not used.
61	GND	—	Ground.
62	RESET	I	Reset.
63	Vss	—	Ground.
64	X0	O	Ceramic oscillator, 4 MHz.
65	X1	I	Ceramic oscillator, 4 MHz.
66	Vcc	—	5V (Backup power supply).
67	LED- TUNER	O	LED output (TUNER).
68	LED-PHONO	O	LED output (PHONO).
69	LED-MUTE	O	LED output (MUTE).
70	LED-LEARN	O	LED output (IR-LEARN).
71	LED-DIRECT	O	LED output (DIRECT PASS).
72	LED-INPUT	O	LED output (DISCRETE).
73	LED-VOL	O	LED output (VOLUME).
74	LED-BASSB	O	LED output (BASS BOOST).
75	SP-A	I	SPEAKER A signal input.
76	SP-B	I	SPEAKER B signal input.
77	PW-SW	I	POWER key input.
78	LED-TV (V)	O	LED output (TV) for video.
79	LED-LD (V)	O	LED output (LD) for video.
80	MBUS-V1	I	M-BUS (VIDEO 1) input.

• IC3413 MB90641APF-G-104BND (SYSTEM CONTROL)

Pin No.	Pin Name	I/O	Description
1	RF-ERR	I	RF demodulater error signal.
2	RF-RESET	O	RR demodulater reset.
3	STOP	I	Stop in.
4	RDATA	I	DIR LC8905V data.
5	WDATA	O	DIR LC8905V write data.
6	DIRLAT	O	DIR LC8905V latch.
7	DIRCLK	O	DIR LC8905V clock.
8	DIRERR	I	DIR LC8905V error.
9	ANA/DIG	O	Analog/Digital.
10	A/DINT	O	A/D Converter AK5390 init.
11	Vss	—	Ground.
12	HREQ	I	DSP56009 SHI HREQ.
13	SS	O	DSP56009 SHI SS.
14	MOSI	O	DSP56009 SHI MOSI.
15	RESET	O	DSP56009 SHI reset.
16	MISO	I	DSP56009 SHI MISO.
17	CLOCK	O	DSP56009 SHI clock.
18	HREQ	I	DSP56009 SHI HREQ.
19	SS	O	DSP56009 SHI SS.
20	MOSI	O	DSP56009 SHI MOSI.
21	RESET	O	DSP56009 SHI reset.
22	MISO	I	DSP56009 SHI MISO.
23	Vcc	—	+5V.
24	CLOCK	O	DSP56009 SHI clock.
25	D/AINT	O	DF+DA CX8505BQ init.
26	D/ALAT	O	DF+DA CX8505BQ latch.
27	C	—	Connect to capacitor.
28	D/ACLK	O	DF+DA CX8505BQ clock.
29	D/ADATA	O	DF+DA CX8505BQ data.
30	N.C	—	Not used.
31	N.C	—	Not used.
32	N.C	—	Not used.
33	N.C	—	Not used.
34	Vcc	—	+5V.
35	Vcc	—	+5V.
36	Vss	—	Ground.
37	Vss	—	Ground.
38	LOW-FRQ-IED	I	Low frequency signal.
39	GAIN-FRONT-8DB	O	Front out +8db.
40	GAIN-FRONT-4DB	O	Front out +4db.
41	GAIN-FRONT-2DB	O	Front out +2db.
42	Vss	—	Ground.
43	N.C	—	Not used.
44	N.C	—	Not used.
45	N.C	—	Not used.
46	N.C	—	Not used.
47	N.C	—	Not used.
48	STOP	I	Power check.
49	MD0	I	Mode setting, HIGH.
50	MD1	I	Mode setting, HIGH.

Pin No.	Pin Name	I/O	Description
51	MD2	I	Mode setting, LOW.
52	STANDBY	I	Standby swtch.
53	N.C	—	Not used.
54	DISPMR	I	display master request.
55	DISPDATA	I	display data.
56	SLVDATA/REQ	O	Slave Data/Request.
57	DISPCLK	I	Display clock.
58	LAT	O	LC latch.
59	DATA	O	LC data.
60	CLK	O	LC clock.
61	DATA IN	I	PLL data.
62	AU STOP	I	PLL auto stop.
63	STEREO	I	PLL stereo.
64	N.C	—	Not used.
65	N.C	—	Not used.
66	HIFI/ES	I	Hifi/ES select.
67	PROTEC	I	Protector.
68	VIDE-A	O	Video select A.
69	VIDE-B	O	Video select B.
70	VIDE-E	O	Video select E.
71	VIDEO-INH	O	Video output inhibit.
72	FUN-MUTE	O	Function mute.
73	TUNER-MUTE	O	Tuner mute.
74	SURR-MUTE	O	Surround mute.
75	AC-MUTE	O	All mute.
76	RM-MUTE	O	"–20db" mute.
77	RESET	I	Reset.
78	RY-FRONT/A	O	Front speakers B relay.
79	RY-FRONT/B	O	Front speakers A relay.
80	RY FRONT	O	Front speakers relay.
81	Vss	—	Ground.
82	X IN	I	4MHz OSC out.
83	X OUT	O	4MHz OSC in.
84	Vcc	—	+5V.
85	RY-PRE AMP	O	Pre amplifier relay.
86	RY-CENTER	O	Center speaker relay.
87	RY-REAR	O	Rear speaker relay.
88	RY-HP	O	Headphone relay.
89	RY-4/8	O	Speaker 4/8 relay.
90	RY-POWER	O	Power relay.
91	N.C	—	Not used.
92	N.C	—	Not used.
93	N.C	—	Not used.
94	RY-DIRECT-PASS	O	Direct pass.
95	N.C	—	Not used.
96	N.C	—	Not used.
97	N.C	—	Not used.
98	DIG-IN2	O	Digital input select 2.
99	DIG-IN1	O	Digital input select 1.
100	DIG-IN0	O	Digital input select 0.

• IC3308 DOLBY AC-3 demodulator (SN-PM4007A)

Pin No.	Pin Name	I/O	Description
1	GND	—	Ground
2	VDD	—	+5V power supply
3	RESET	I	System reset input "L" : reset
4	OSCON	I	Oscillation control signal input "H" : ON
5	DATA	I	Test pin (Connected to ground)
6	MCK	I	Test pin (Connected to ground)
7	MLTB	I	Test pin (Connected to ground)
8	IDST	O	Test pin (Open)
9	IDCK	O	Test pin (Open)
10	IDO	O	Test pin (Open)
11	TM0	I	Test pin (Connected to ground)
12	ECCK	O	Test pin (Open)
13	DEN	O	Test pin (Open)
14	DRY	O	Test pin (Open)
15	MSYC	O	Test pin (Open)
16	TM1	I	Test pin (Connected to ground)
17	A0	O	Address data output to SRAM
18	A1	O	Address data output to SRAM
19	A2	O	Address data output to SRAM
20	A3	O	Address data output to SRAM
21	A4	O	Address data output to SRAM
22	A5	O	Address data output to SRAM
23	TM2	I	Test pin (Connected to ground)
24	TM3	I	Test pin (Connected to ground)
25	XOUT	O	Test pin (Open)
26	XIN	I	Test pin (Connected to ground)
27	XENT	I	Test pin (Connected to ground)
28	GND	—	Ground
29	VDD	—	+5V power supply
30	A6	O	Address data output to SRAM
31	A7	O	Address data output to SRAM
32	GND	—	Ground
33	VDD	—	+5V power supply
34	A12	O	Address data output to SRAM
35	A14	O	Address data output to SRAM
36	WE	O	Write enable signal output to SRAM "L" : active
37	A13	O	Address data output to SRAM
38	A8	O	Address data output to SRAM
39	A9	O	Address data output to SRAM
40	GND	—	Ground
41	A11	O	Address data output to SRAM
42	OE	O	Output enable output to SRAM
43	A10	O	Address data output to SRAM
44	D7	I/O	Data bus input/output with SRAM
45	D6	I/O	Data bus input/output with SRAM
46	D5	I/O	Data bus input/output with SRAM
47	D4	I/O	Data bus input/output with SRAM
48	D3	I/O	Data bus input/output with SRAM
49	D2	I/O	Data bus input/output with SRAM
50	D1	I/O	Data bus input/output with SRAM

Pin No.	Pin Name	I/O	Description
51	D0	I/O	Data bus input/output with SRAM
52	VDD	—	+5V power supply
53	GND	—	Ground
54	TI1	I	Test pin (Connected to VDD)
55	VIN	I	VCXO input (18.432MHz)
56	VOUT	O	VCXO output (18.432MHz)
57	TI2	I	Test pin (Connected to Ground)
58	TI3	I	Test pin (Connected to Ground)
59	TLD8	I	Test pin (Connected to Ground)
60	TCK	I	Test pin (Connected to Ground)
61	TRP	O	Test pin (Open)
62	TD0	O	Test pin (Open)
63	PD0	O	Output of internal phase comparator (3 state)
64	TI4	I	Test pin (Connected to Ground)
65	PDDIS	I	PDO output control input "L" : output ON
66	MUTO	O	Mute signal output "H" : mute
67	TI5	I	Test pin (Connected to Ground)
68	VLDY	O	Test pin (Open)
69	DASYO	O	Test pin (Open)
70	DAOUT	O	Digital-out signal output (Serial data stream output)
71	DAIN	I	Dgital external input Through out to DAOUT when DASEL is "H" (Not used)
72	DASEL	I	Digital-out selection input (Not used)
73	TI8	I	Test pin (Connected to Ground)
74	C2F1	O	C2 error correction state display Outputs if corrected properly (Not used)
75	C2F0	O	C2 error correction state display Outputs number of errors at C2 (Not used)
76	C1F1	O	C2 error correction state display Outputs whether error is present at C1 (Not used)
77	C1F0	O	C2 error correction state display Outputs number of errors at C1 (Not used)
78	MUTI	I	Muting input "H" mute
79	VDD	—	+5V power supply
80	GND	—	Ground
81	AVDD	—	+5V power supply (Analog)
82	CPIN	I	Comparator input (+) (QPSK input)
83	CMIN	I	Comparator input (–)
84	AGND	—	Ground (Analog)
85	TM4	I	Test pin (Connected to ground)
86	VDD	—	+5V power supply
87	DIN	I	Test pin (Connected to ground)
88	DOUT	O	Comparate output
89	DOUTB	O	Comparate inverted output
90	C9M	O	9.216MHz output (Open)
91	GND	—	Ground
92	WINGT	O	Test pin (Connected to ground)
93	SYST0	O	Test pin (Connected to ground)
94	SYST1	O	Test pin (Connected to ground)
95	ADST0	O	Test pin (Connected to ground)
96	ADST1	O	Test pin (Connected to ground)
97	TM5	I	Test pin (Open)
98	BUNRI	I	Test pin (Open)
99	AGND	—	Ground (Analog)
100	AVDD	—	+5V power supply (Analog)

• IC3311 Digital Audio Interface Receiver (CXD8521M)

Pin No.	Pin Name	I/O	Description
1	DIN1	I	Data input with built-in amplifier (Responding to the coaxial optical module)
2	DIN2	I	Data input (Responding to the optical module)
3	E/DOUT	O	Emphasis, input bi-phase, validity flag output
4	VDD	—	Power supply (+5V)
5	R	I	VCO gain control input (Fixed at "H")
6	VIN	I	VCO freerunning frequency setting input
7	VCO	O	LPF setting of PLL (Fixed at "L")
8	GND	—	Ground
9	CKSEL	I	System clock select input (384fs, 512fs) (Connected to the power supply.)
10	XMODE	I	Reset input
11	AVOCK	I	Clock input for preventing PLL lock failure
12	TST1	I	Test input (Normally "L")
13	TST2	I	
14	SCLK	I	Microcomputer IF clock input
15	XLAT	I	Microcomputer IF latch/chip enable input
16	SWDT	I	Microcomputer IF write data input
17	SRDT	O	Microcomputer IF read data output
18	DQSY	O	Microcomputer IF Sub-Q sync and ID sync output (Not used)
19	CKOUT	O	VCO clock output (Freerunning, 384fs, 512fs) (Not used)
20	FS128	O	128fs clock output (Not used)
21	BCK	O	Bit clock output
22	LRCK	O	L/R clock output
23	DATAO	O	Audio data output
24	EROR	O	PLL lock error mute output

• IC3410 Digital Signal Processor (DSP56009FJ88F)

Pin No.	Pin Name	I/O	Description
1	AGND	—	Address buffer ground
2	MCS0	O	Chip select 0 output to S-RAM (Not used)
3	MCS3	O	Chip select 3 output to S-RAM (Not used)
4	MA14	O	Address data output to S-RAM (Not used)
5	MA13	O	
6	AVCC	—	Address bus buffer power supply (+5V)
7	MA12	O	Address data output to S-RAM(Not used)
8	AGND	—	Ground for address bus buffer
9	QVCC	—	Power supply for internal logic (+5V)
10	QGND	—	Ground for internal logic
11	MA11	O	Address data output to S-RAM (Not used)
12	MA10	O	
13	MA9	O	
14	MA8	O	
15	AGND	—	Ground for address bus buffer
16	MA7	O	Address data output to S-RAM (Not used)
17	AVCC	—	Power supply for address bus buffer (+5V)
18	MA6	O	Address data output to S-RAM (Not used)
19	MA5	O	
20	MA4	O	
21	AGND	—	Ground for address bus buffer
22	MA3	O	Address data output to S-RAM (Not used)
23	MA2	O	
24	MA1	O	
25	MA0	O	
26	SCK	I	SPI serial clock signal input from system controller
27	EXTAL	I	External frequency input (3 MHz)
28	QVCC	—	Power supply for internal logic (+5V)
29	QGND	—	Ground for internal logic
30	PINIT	I	PLL initialize input (Fixed at "L")
31	PGND	—	Ground for PLL
32	PCAP	I	PLL filter input (Connected to 0.01 μF capacitor)
33	PVCC	—	Power supply for PLL (+5V)
34	SGND	—	Ground for serial port
35	MISO	I	Master data signal input from system controller
36	RESET	I	Reset signal input from system controller
37	MODA	I	Mode select A (Fixed at "H")
38	MODB	I	Mode select B (Fixed at "L")
39	MODC	I	Mode select C (Fixed at "H")
40	SVCC	—	Power supply for serial port (+5V)

Pin No.	Pin Name	I/O	Description
41	MOSI	O	Master data signal output to system controller
42	SS	I	SPI slave select signal input from system controller
43	HREQ	I	Host request signal input from system controller
44	SGND	—	Ground for serial port
45	SDO2	O	Audio serial data 2 signal output (Not used)
46	SDO1	O	Audio serial data 1 signal output
47	SDO0	O	Audio serial data 0 signal output
48	SVCC	—	Power supply for serial port (+5V)
49	SCKT	O	Serial clock transmission
50	WST	O	Word select transmission
51	SCKR	I	Serial clock reception
52	QGND	—	Ground for internal logic
53	QVCC	—	Power supply for internal logic (+5V)
54	SGND	—	Ground for serial port
55	WSR	I	Word select reception
56	SDI1	I	Audio serial data 1 signal input
57	SDI0	I	Audio serial data 0 signal input
58	DSO	O	Debug serial signal output (Not used)
59	DSI	I	Debug serial signal input (Not used)
60	DSCK	I	Debug serial clock signal input (Not used)
61	DR	I	Debug request input (Fixed at "H")
62	MD7	I/O	Data input/output with S-RAM (Not used)
63	MD6	I/O	
64	MD5	I/O	
65	MD4	I/O	
66	DGND	—	Ground for data bus buffer
67	MD3	I/O	Data input/output with S-RAM (Not used)
68	MD2	I/O	
69	MD1	I/O	
70	DVCC	—	Power supply for data bus buffer (+5V)
71	MD0	I/O	Data input/output with S-RAM (Not used)
72	DGND	—	Ground for data bus buffer
73	GPIO3	I/O	General DSP input/output (Not used)
74	GPIO2	I/O	
75	GPIO1	I/O	
76	GPIO0	I/O	
77	MRD	O	Write strobe signal output to S-RAM (Not used)
78	MWR	O	Read strobe signal output to S-RAM (Not used)
79	MRAS	O	Low address strobe signal output to S-RAM (Not used)
80	MCAS	O	Column address strobe signal output to S-RAM (Not used)

• IC3412 Digital Signal Processor (SSP424023FJ88)

Pin No.	Pin Name	I/O	Description
1	AGND	—	Address buffer ground
2	MCS0	O	Chip select 0 output to S-RAM (Not used)
3	MCS3	O	Chip select 3 output to S-RAM
4	MA14	O	Address data output to S-RAM
5	MA13	O	
6	AVCC	—	Address bus buffer power supply (+5V)
7	MA12	O	Address data output to S-RAM
8	AGND	—	Ground for address bus buffer
9	QVCC	—	Power supply for internal logic (+5V)
10	QGND	—	Ground for internal logic
11	MA11	O	Address data output to S-RAM
12	MA10	O	
13	MA9	O	
14	MA8	O	
15	AGND	—	Ground for address bus buffer
16	MA7	O	Address data output to S-RAM
17	AVCC	—	Power supply for address bus buffer (+5V)
18	MA6	O	Address data output to S-RAM
19	MA5	O	
20	MA4	O	
21	AGND	—	Ground for address bus buffer
22	MA3	O	Address data output to S-RAM
23	MA2	O	
24	MA1	O	
25	MA0	O	
26	SCK	I	SPI serial clock signal input from system controller
27	EXTAL	I	External frequency input (3 MHz)
28	QVCC	—	Power supply for internal logic (+5V)
29	QGND	—	Ground for internal logic
30	PINIT	I	PLL initialize input (Fixed at "L")
31	PGND	—	Ground for PLL
32	PCAP	I	PLL filter input (Connected to 0.01 mF capacitor)
33	PVCC	—	Power supply for PLL (+5V)
34	SGND	—	Ground for serial port
35	MISO	I	Master data signal input from system controller
36	RESET	I	Reset signal input from system controller
37	MODA	I	Mode select A (Fixed at "H")
38	MODB	I	Mode select B (Fixed at "L")
39	MODC	I	Mode select C (Fixed at "H")
40	SVCC	—	Power supply for serial port (+5V)

Pin No.	Pin Name	I/O	Description
41	MOSI	O	Master data signal output to system controller
42	SS	I	SPI slave select signal input from system controller
43	HREQ	I	Host request signal input from system controller
44	SGND	—	Ground for serial port
45	SDO2	O	Audio serial data 2 signal output
46	SDO1	O	Audio serial data 1 signal output
47	SDO0	O	Audio serial data 0 signal output
48	SVCC	—	Power supply for serial port (+5V)
49	SCKT	O	Serial clock transmission
50	WST	O	Word select transmission
51	SCKR	I	Serial clock reception
52	QGND	—	Ground for internal logic
53	QVCC	—	Power supply for internal logic (+5V)
54	SGND	—	Ground for serial port
55	WSR	I	Word select reception
56	SDI1	I	Audio serial data 1 signal input
57	SDI0	I	Audio serial data 0 signal input
58	DSO	O	Debug serial signal output (Not used)
59	DSI	I	Debug serial signal input (Not used)
60	DSCK	I	Debug serial clock signal input (Not used)
61	DR	I	Debug request input (Fixed at "H")
62	MD7	I/O	Data input/output with S-RAM
63	MD6	I/O	
64	MD5	I/O	
65	MD4	I/O	
66	DGND	—	Ground for data bus buffer
67	MD3	I/O	Data input/output with S-RAM
68	MD2	I/O	
69	MD1	I/O	
70	DVCC	—	Power supply for data bus buffer (+5V)
71	MD0	I/O	Data input/output with S-RAM
72	DGND	—	Ground for data bus buffer
73	GPIO3	I/O	General DSP input/output (Not used)
74	GPIO2	I/O	
75	GPIO1	I/O	
76	GPIO0	I/O	General DSP input/output with system controller
77	MRD	O	Write strobe signal output to S-RAM
78	MWR	O	Read strobe signal output to S-RAM
79	MRAS	O	Low address strobe signal output to S-RAM
80	MCAS	O	Column address strobe signal output to S-RAM

SECTION 3
EXPLODED VIEWS

Note:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts of Color Cabinet's Color

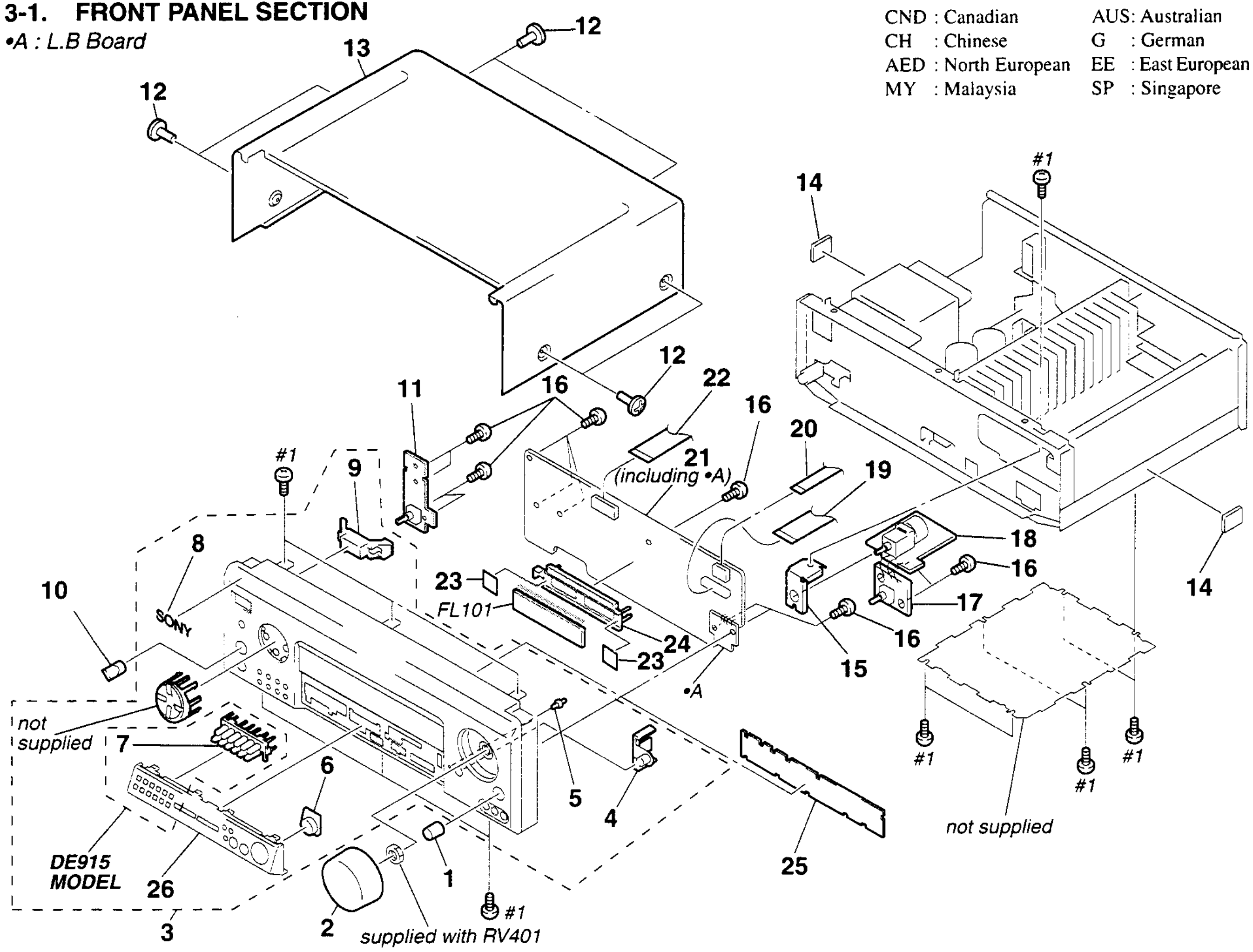
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Abbreviation
  CND : Canadian
  AUS: Australian
  CH : Chinese
  G : German
  AED : North European
  EE : East European
  MY : Malaysia
  SP : Singapore

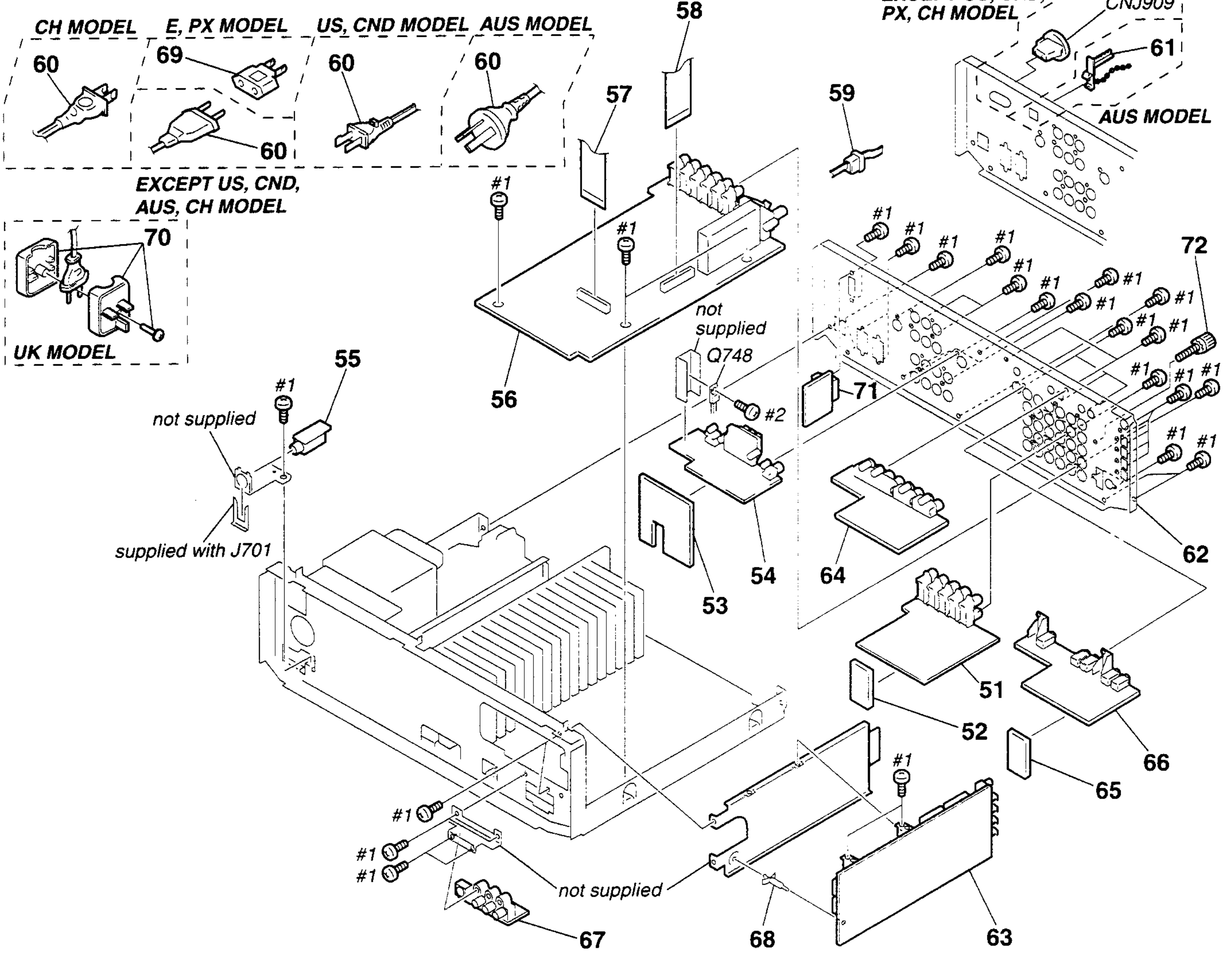
3-1. FRONT PANEL SECTION

•A : L.B Board



Ref. No.	Part No.	Description	Remarks
1	4-980-639-01	KNOB (R14) (BLACK)(DE915/VE910)	
1	4-980-639-31	KNOB (R14) (GOLD)(V909)	
2	X-4947-074-1	KNOB (R48) ASSY (BLACK)(DE915)	
2	X-4948-458-1	KNOB (ZN) ASSY (BLACK)(VE910)	
2	X-4948-464-1	KNOB (ZN) ASSY (GOLD)(V909)	
3	X-4948-455-1	PANEL ASSY, FRONT (BLACK)(DE915:US,CND)	
3	X-4948-456-1	PANEL ASSY, FRONT (GOLD)(V909)	
3	X-4948-463-1	PANEL ASSY (C9), FRONT (BLACK)(VE910)	
3	X-4948-602-1	PANEL ASSY, FRONT (BLACK)(DE915:PX)	
3	X-4948-603-1	PANEL ASSY, FRONT (BLACK)(DE915:AUS)	
4	4-989-850-01	BUTTON (BB) (BLACK)(DE915/VE910)	
4	4-989-850-11	BUTTON (BB) (GOLD)(V909)	
5	4-989-842-01	INDICATOR (BB)	
6	4-989-852-01	RING (SUR) (BLACK)(DE915/VE910)	
6	4-989-852-11	RING (SUR) (GOLD)(V909)	
7	4-989-846-01	BUTTON (12)(BLACK)(DE915)	
8	3-008-600-11	EMBLEM (5-AR), SONY (BLACK)(DE915)	
8	4-979-587-01	EMBLEM (NO.5), SONY (BLACK)(VE910)	
8	4-979-587-11	EMBLEM (NO.5), SONY (GOLD)(V909)	
9	4-980-109-01	BUTTON (P-M) (BLACK)(VE910)	
9	4-980-109-41	BUTTON (P-M) (GOLD)(V909)	
9	4-989-843-01	BUTTON (P-T) (BLACK)(DE915)	
10	4-957-383-01	KNOB (F14) (BLACK)(DE915/VE910)	
10	4-957-383-21	KNOB (F14) (GOLD)(V909)	
* 11	1-665-775-11	SP SW BOARD	
12	3-704-366-01	SCREW (CASE) (M3X8)(BLACK)(DE915/VE910)	
12	3-704-366-11	SCREW (CASE) (M3X8) (GOLD)(V909)	
* 13	4-982-682-01	CASE (414532) (BLACK)(DE915)	
13	X-4947-722-1	CASE ASSY (BLACK)(VE910)	
13	X-4947-723-1	CASE ASSY (GOLD)(V909)	
14	4-985-642-01	CUSHION	
* 15	4-989-878-01	BRACKET (VOL)	
16	4-951-620-01	SCREW (2.6X8), +BVTP	
* 17	1-665-815-11	BALANCE BOARD	
* 18	1-665-774-11	VOLUME BOARD	
19	1-773-174-11	WIRE (FLAT TYPE) (21 CORE)(46cm)	
20	1-773-057-11	WIRE (FLAT TYPE) (17 CORE)	
* 21	A-4398-225-A	DISPLAY BOARD, COMPLETE (DE915:US,CND)	
* 21	A-4398-246-A	DISPLAY BOARD, COMPLETE (DE915:AUS)	
* 21	A-4398-281-A	DISPLAY BOARD, COMPLETE (DE915:PX)	
* 21	A-4398-284-A	DISPLAY BOARD, COMPLETE (V909/VE910)	
22	1-773-107-11	WIRE (FLAT TYPE) (19 CORE)(17cm)	
* 23	4-921-941-01	CUSHION (FL)	
* 24	4-990-797-01	HOLDER (FL)	
* 25	1-665-780-11	SW BOARD	
26	4-989-864-41	ESCUTCHEON (COVER)(BLACK)(DE915)	
26	4-991-019-01	ESCUTCHEON (COVER)(BLACK)(VE910)	
26	4-991-019-11	ESCUTCHEON (COVER)(GOLD)(V909)	
FL101	1-517-671-11	INDICATOR TUBE, FLUORESCENT	

3-2. BACK PANEL SECTION

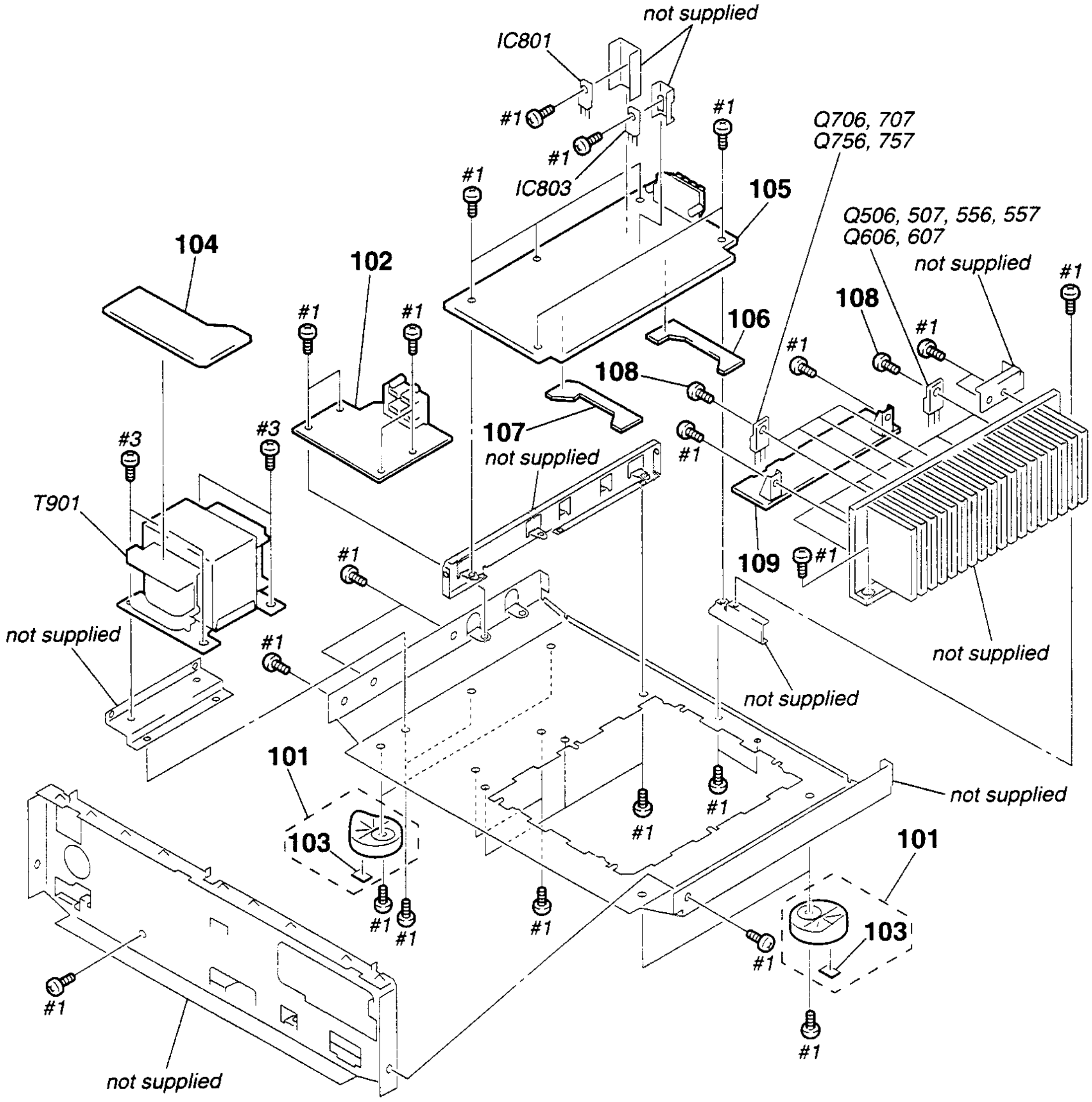

CH MODEL
E, PX MODEL
US, CND MODEL
AUS MODEL
60
69
60
60
60
EXCEPT US, CND, AUS, CH MODEL
70
UK MODEL
58
57
59
EXCEPT US, CND, PX, CH MODEL
CNJ909
61
AUS MODEL
72
#1
not supplied
Q748
#2
71
55
56
not supplied
supplied with J701
53
54
64
62
51
52
66
65
#1
67
not supplied
68
63

Ref. No.	Part No.	Description	Remarks
* 51	1-665-786-11	AUDIO (2F) BOARD	
* 52	1-665-776-11	SUR-AUDIO (2F) BOARD	
* 53	1-665-787-11	S-A-P BOARD	
* 54	A-4398-235-A	SP (2F) BOARD, COMPLETE (VE910:AEP,UK,G,AED,EE)	
* 54	A-4398-250-A	SP (2F) BOARD, COMPLETE (DE915:AUS)	
* 54	A-4398-262-A	SP (2F) BOARD, COMPLETE (DE915:US,CND,PX)	
* 54	A-4398-295-A	SP (2F) BOARD, COMPLETE (V909/VE910:E,SP,MY)	
* 55	1-665-779-11	HEADPHONE BOARD	
* 56	A-4398-236-A	SUR BOARD, COMPLETE (VE910:AEP,UK,G,AED,EE)	
* 56	A-4398-266-A	SUR BOARD, COMPLETE (DE915:US,CND,PX)	
* 56	A-4398-279-A	SUR BOARD, COMPLETE (V909/VE910:E,SP,MY)	
* 56	A-4398-287-A	SUR BOARD, COMPLETE (DE915:AUS)	
57	1-773-116-11	WIRE (FLAT TYPE) (19 CORE)(23cm)	
58	1-773-174-11	WIRE (FLAT TYPE) (21 CORE)(9cm)	
* 59	3-703-244-00	BUSHING (2104), CORD	
⚠60	1-696-847-11	CORD, POWER (AUS)	
⚠60	1-769-743-11	CORD, POWER (US,CND)	
⚠60	1-769-744-11	CORD, POWER (EXCEPT US,CND,AUS,CH)	
⚠60	1-782-464-21	CORD, POWER (CH)	
61	4-956-370-12	BAND, PLUG FIXED (AUS)	

Ref. No.	Part No.	Description	Remarks
* 62	4-989-882-01	PANEL, BACK (VE910:EXCEPT E)	
* 62	4-989-882-11	PANEL, BACK (VE910:E)	
* 62	4-989-882-21	PANEL, BACK (V909)	
* 62	4-989-885-01	PANEL, BACK (DE915:US)	
* 62	4-989-885-11	PANEL, BACK (DE915:CND)	
* 62	4-989-885-21	PANEL, BACK (DE915:AUS)	
* 62	4-989-885-31	PANEL, BACK (DE915:PX)	
* 63	A-4398-274-A	DIGITAL BOARD, COMPLETE (DE915)	
* 63	A-4403-423-A	DIGITAL BOARD, COMPLETE (V909/VE910)	
* 64	1-665-784-11	VIDEO BOARD	
* 65	1-667-185-11	JOINT (VIDEO) BOARD	
* 66	A-4398-229-A	S VIDEO BOARD, COMPLETE (DE915:US,CND)	
* 66	A-4398-251-A	S VIDEO BOARD, COMPLETE (DE915:AUS,PX)	
* 66	A-4398-285-A	S VIDEO BOARD, COMPLETE (V909/VE910)	
* 67	1-665-777-11	VIDEO (3) BOARD	
* 68	4-954-051-41	HOLDER, PC BOARD	
⚠69	1-569-008-11	ADAPTOR, CONVERSION 2P (E,PX)	
⚠70	1-770-019-11	ADAPTOR, CONVERSION 3P (UK)	
* 71	1-665-788-11	VOLSEL BOARD (DE915:PX/VE910:E)	
72	4-947-010-01	SCREW, FEEDER FIXED	
⚠CNJ909	1-251-416-11	OUTLET, AC (AUS)	
⚠CNJ909	1-526-794-11	OUTLET, AC (EXCEPT US,CND,AUS,PX,CH)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

3-3. CHASSIS SECTION


not supplied
IC801
#1
#1
#1
IC803
#1
Q706, 707
Q756, 757
105
104
102
Q506, 507, 556, 557
Q606, 607
not supplied
#1
#1
#1
106
108
#1
108
#1
#3
#3
107
not supplied
#1
T901
#1
109
#1
not supplied
#1
not supplied
not supplied
101
103
#1
#1
#1
not supplied
#1
101
103
#1
#1
#1
not supplied

Ref. No.	Part No.	Description	Remarks
101	X-4947-025-1	FOOT ASSY (BLACK)(VE910)	
101	X-4947-207-1	FOOT ASSY (F50150S)(BLACK)(DE915:AUS,PX)	
101	X-4947-208-1	FOOT ASSY (F50150S)(BLACK) (DE915:US,CND)	
101	X-4948-848-1	FOOT ASSY (GOLD)(V909)	
* 102	A-4398-249-A	PS BOARD, COMPLETE (DE915:AUS/VE910:AEP,UK,G,AED,EE)	
* 102	A-4398-261-A	PS BOARD, COMPLETE (DE915:US,CND)	
* 102	A-4398-278-A	PS BOARD, COMPLETE (V909/VE910:E,SP,MY)	
* 102	A-4398-282-A	PS BOARD, COMPLETE (DE915:PX)	
103	4-977-358-11	CUSHION (8X12.5) (DE915:US,CND)	
* 104	1-665-783-11	SECONDARY BOARD	
* 105	A-4398-230-A	AMP BOARD, COMPLETE (DE915:US,CND,PX)	
* 105	A-4398-280-A	AMP BOARD, COMPLETE (V909/VE910:E,SP,MY)	
* 105	A-4398-286-A	AMP BOARD, COMPLETE (VE910:AEP,UK,G,AED,EE)	
* 105	A-4398-288-A	AMP BOARD, COMPLETE (DE915:AUS)	
* 106	1-665-792-11	AMP JOINT (B) BOARD	
* 107	1-665-791-11	AMP JOINT (F) BOARD	
108	3-905-609-01	SCREW (TRANSISTOR)	
* 109	A-4398-234-A	REAR AMP BOARD, COMPLETE (V909/VE910)	
* 109	A-4398-248-A	REAR AMP BOARD, COMPLETE (DE915:AUS)	
* 109	A-4398-258-A	REAR AMP BOARD, COMPLETE (DE915:US,CND,PX)	
⚠T901	1-431-281-11	TRANSFORMER, POWER (US)	
⚠T901	1-431-282-11	TRANSFORMER, POWER (CND)	
⚠T901	1-431-283-11	TRANSFORMER, POWER (AUS)	
⚠T901	1-431-284-11	TRANSFORMER, POWER (PX)	
⚠T901	1-431-285-11	TRANSFORMER, POWER (E,SP,MY,CH)	
⚠T901	1-431-286-11	TRANSFORMER, POWER (AEP,UK,G,EE,AED)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

SECTION 4
ELECTRICAL PARTS LIST

Note:

When indicating parts by reference number, please include the board naame.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS:
  uF: μF
- RESISTORS
  All resistors are in ohms.
  METAL: metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F: nonflammable
- COILS
  uH: μH
- SEMICONDUCTORS
  In each case, u: μ, for example:
  uA...: μA... , uPA... , μPA... ,
  uPB... , μPB... , uPC... , μPC... ,
  uPD..., μPD...
- Abbreviation

CND	: Canadian	AUS	: Australian
CH	: Chinese	G	: German
AED	: North European	EE	: East European
MY	: Malaysia	SP	: Singapore

Ref. No.	Part No.	Description	Remarks
*	A-4398-230-A	AMP BOARD, COMPLETE (DE915:US,CND,PX) ********************	
*	A-4398-280-A	AMP BOARD, COMPLETE (V909/VE910:E,SP, ********************* MY)	
*	A-4398-286-A	AMP BOARD, COMPLETE (VE910:AEP,UK,G, ********************* AED,EE)	
*	A-4398-288-A	AMP BOARD, COMPLETE (DE915:AUS) ********************	
*	1-537-738-21	TERMINAL, EARTH	
	7-685-872-09	SCREW +BVTT 3X8 (S)	
		< CAPACITOR >	
C520	1-126-967-11	ELECT 47uF 20% 16V	
C521	1-107-597-11	CERAMIC 22PF 10% 500V	
C522	1-107-597-11	CERAMIC 22PF 10% 500V	
C523	1-162-286-31	CERAMIC 220PF 10% 50V	
C524	1-126-964-11	ELECT 10uF 20% 50V	
C525	1-136-157-00	FILM 0.022uF 5% 50V	
C526	1-136-153-00	FILM 0.01uF 5% 50V	
C570	1-126-967-11	ELECT 47uF 20% 16V	
C571	1-107-597-11	CERAMIC 22PF 10% 500V	
C572	1-107-597-11	CERAMIC 22PF 10% 500V	
C573	1-162-286-31	CERAMIC 220PF 10% 50V	
C574	1-126-964-11	ELECT 10uF 20% 50V	
C575	1-136-157-00	FILM 0.022uF 5% 50V	
C576	1-136-153-00	FILM 0.01uF 5% 50V	
C590	1-126-935-11	ELECT 470uF 20% 6.3V	
C598	1-126-965-11	ELECT 22uF 20% 50V	
C620	1-126-967-11	ELECT 47uF 20% 16V	
C621	1-107-597-11	CERAMIC 22PF 10% 500V	
C622	1-107-597-11	CERAMIC 22PF 10% 500V	
C623	1-162-286-31	CERAMIC 220PF 10% 50V	
C803	1-117-950-11	ELECT(SOLID) 10000uF 20% 63V	(V909/VE910)
C803	1-109-932-11	ELECT 10000uF 20% 71V	(DE915)
C804	1-117-950-11	ELECT(SOLID) 10000uF 20% 63V	(V909/VE910)
C804	1-109-932-11	ELECT 10000uF 20% 71V	(DE915)
C807	1-126-967-11	ELECT 47uF 20% 16V	
C808	1-126-967-11	ELECT 47uF 20% 16V	
C810	1-126-967-11	ELECT 47uF 20% 16V	
C811	1-126-952-11	ELECT 1000uF 20% 35V	
C812	1-126-951-11	ELECT 470uF 20% 35V	
C817	1-126-967-11	ELECT 47uF 20% 50V	
C818	1-126-967-11	ELECT 47uF 20% 50V	

Ref. No.	Part No.	Description	Remarks
		< CONNECTOR >	
CNP701	1-564-320-00	PIN, CONNECTOR (B2P-VH) 2P	
CNP702	1-695-091-11	PIN, CONNECTOR (PC BOARD) 15P	
CNS502	1-770-404-11	HOUSING,CONNECTOR(PC BOARD)11P	
CNS602	1-770-404-11	HOUSING,CONNECTOR(PC BOARD)11P	
CNS701	1-569-323-11	SOCKET, CONNECTOR 19P	
		< DIODE >	
D501	8-719-987-63	DIODE 1N4148M	
D502	8-719-010-06	DIODE UZ-2.2BS	
D503	8-719-010-06	DIODE UZ-2.2BS	
D504	8-719-987-63	DIODE 1N4148M	
D505	8-719-987-63	DIODE 1N4148M	
D506	8-719-987-63	DIODE 1N4148M	
D507	8-719-987-63	DIODE 1N4148M	
D508	8-719-987-63	DIODE 1N4148M	
D512	8-719-987-63	DIODE 1N4148M	
D545	8-719-987-63	DIODE 1N4148M	
D546	8-719-987-63	DIODE 1N4148M	
D547	8-719-987-63	DIODE 1N4148M	
D548	8-719-815-85	DIODE 1S1585	
D549	8-719-815-85	DIODE 1S1585	
D551	8-719-987-63	DIODE 1N4148M	
D552	8-719-010-06	DIODE UZ-2.2BS	
D553	8-719-010-06	DIODE UZ-2.2BS	
D554	8-719-987-63	DIODE 1N4148M	
D555	8-719-987-63	DIODE 1N4148M	
D556	8-719-987-63	DIODE 1N4148M	
D601	8-719-987-63	DIODE 1N4148M	
D602	8-719-010-06	DIODE UZ-2.2BS	
D603	8-719-010-06	DIODE UZ-2.2BS	
D604	8-719-987-63	DIODE 1N4148M	
D608	8-719-987-63	DIODE 1N4148M	
D611	8-719-987-63	DIODE 1N4148M	
D647	8-719-987-63	DIODE 1N4148M (DE915)	
D648	8-719-987-63	DIODE 1N4148M (DE915)	
D651	8-719-987-63	DIODE 1N4148M	
D711	8-719-987-63	DIODE 1N4148M	
D716	8-719-987-63	DIODE 1N4148M	
D807	8-719-002-73	DIODE UZL-36M	
		< IC >	
IC801	8-759-391-87	IC BA78M12P	
IC803	8-759-604-45	IC M5F79M12	

AMP

Ref. No.	Part No.	Description			Remarks
		< COIL >			
L501	1-411-906-11	COIL, AIR-CORE (V909/VE910)			
L501	1-420-872-00	COIL, AIR-CORE (DE915)			
L551	1-411-906-11	COIL, AIR-CORE (V909/VE910)			
L551	1-420-872-00	COIL, AIR-CORE (DE915)			
		< TRANSISTOR >			
Q504	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q505	8-729-209-15	TRANSISTOR 2SD2012			
Q506	8-749-010-25	IC MN2488-OPY-M			
Q507	8-749-010-26	IC MP1620-OPY-M			
Q508	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q509	8-729-281-53	TRANSISTOR 2SC1815-GR			
Q510	8-729-900-63	TRANSISTOR DTA124ES			
Q511	8-729-900-63	TRANSISTOR DTA124ES			
Q546	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q547	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA			
Q548	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q549	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q554	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q555	8-729-209-15	TRANSISTOR 2SD2012			
Q556	8-749-010-25	IC MN2488-OPY-M			
Q557	8-749-010-26	IC MP1620-OPY-M			
Q558	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q559	8-729-281-53	TRANSISTOR 2SC1815-GR			
Q560	8-729-900-63	TRANSISTOR DTA124ES			
Q561	8-729-900-63	TRANSISTOR DTA124ES			
Q596	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q604	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q605	8-729-209-15	TRANSISTOR 2SD2012			
Q606	8-749-010-25	IC MN2488-OPY-M			
Q607	8-749-010-26	IC MP1620-OPY-M			
Q608	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q610	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q612	8-729-281-53	TRANSISTOR 2SC1815-GR (DE915)			
Q613	8-729-281-53	TRANSISTOR 2SC1815-GR			
Q614	8-729-201-53	TRANSISTOR 2SA1015-GR (DE915)			
Q615	8-729-900-36	TRANSISTOR DTC124ES (DE915)			
Q616	8-729-900-36	TRANSISTOR DTC124ES			
Q617	8-729-900-36	TRANSISTOR DTC124ES (DE915)			
Q618	8-729-900-63	TRANSISTOR DTA124ES (DE915)			
Q801	8-729-209-15	TRANSISTOR 2SD2012			
		< RESISTOR >			
R521	1-249-437-11	CARBON	47K	5%	1/4W (DE915)
R522	1-247-840-00	CARBON	2.4K	5%	1/4W (V909/VE910)
R522	1-249-421-11	CARBON	2.2K	5%	1/4W F (DE915)
R523	1-249-414-11	CARBON	560	5%	1/4W F
⚠R524	1-249-408-11	CARBON	180	5%	1/4W F
⚠R525	1-249-408-11	CARBON	180	5%	1/4W F
⚠R526	1-233-352-41	ENCAPSULATED COMPONENT			
R527	1-247-850-11	CARBON	6.2K	5%	1/4W
R528	1-249-419-11	CARBON	1.5K	5%	1/4W F
R529	1-247-866-11	CARBON	30K	5%	1/4W
R530	1-249-421-11	CARBON	2.2K	5%	1/4W F
R531	1-249-433-11	CARBON	22K	5%	1/4W
R532	1-249-437-11	CARBON	47K	5%	1/4W
⚠R533	1-249-393-11	CARBON	10	5%	1/4W F
⚠R534	1-249-389-11	CARBON	4.7	5%	1/4W F
R535	1-249-431-11	CARBON	15K	5%	1/4W
R536	1-249-439-11	CARBON	68K	5%	1/4W (V909/VE910)
R536	1-249-441-11	CARBON	100K	5%	1/4W (DE915)
R539	1-249-427-11	CARBON	6.8K	5%	1/4W F
R540	1-249-417-11	CARBON	1K	5%	1/4W F
R541	1-249-429-11	CARBON	10K	5%	1/4W
R547	1-249-425-11	CARBON	4.7K	5%	1/4W F
R548	1-249-429-11	CARBON	10K	5%	1/4W
⚠R549	1-249-393-11	CARBON	10	5%	1/4W F
R550	1-249-429-11	CARBON	10K	5%	1/4W
R571	1-249-437-11	CARBON	47K	5%	1/4W (DE915)
R572	1-247-840-00	CARBON	2.4K	5%	1/4W (V909/VE910)
R572	1-249-421-11	CARBON	2.2K	5%	1/4W F (DE915)
R573	1-249-414-11	CARBON	560	5%	1/4W F
⚠R574	1-249-408-11	CARBON	180	5%	1/4W F
⚠R575	1-249-408-11	CARBON	180	5%	1/4W F
⚠R576	1-233-352-41	ENCAPSULATED COMPONENT	0.22X2		2W
R577	1-247-850-11	CARBON	6.2K	5%	1/4W
R578	1-249-419-11	CARBON	1.5K	5%	1/4W F
R579	1-247-866-11	CARBON	30K	5%	1/4W
R580	1-249-421-11	CARBON	2.2K	5%	1/4W F
R581	1-249-433-11	CARBON	22K	5%	1/4W
R582	1-249-437-11	CARBON	47K	5%	1/4W
⚠R583	1-249-393-11	CARBON	10	5%	1/4W F
⚠R584	1-249-389-11	CARBON	4.7	5%	1/4W F
R585	1-249-431-11	CARBON	15K	5%	1/4W
R586	1-249-429-11	CARBON	10K	5%	1/4W
R587	1-249-425-11	CARBON	4.7K	5%	1/4W F
⚠R588	1-249-393-11	CARBON	10	5%	1/4W F
R621	1-249-437-11	CARBON	47K	5%	1/4W (DE915)
R622	1-247-840-00	CARBON	2.4K	5%	1/4W (V909/VE910)
R622	1-249-421-11	CARBON	2.2K	5%	1/4W F (DE915)
R623	1-249-414-11	CARBON	560	5%	1/4W F
⚠R624	1-249-408-11	CARBON	180	5%	1/4W F
⚠R625	1-249-408-11	CARBON	180	5%	1/4W F
⚠R626	1-233-352-41	ENCAPSULATED COMPONENT	0.22X2		2W
R627	1-247-850-11	CARBON	6.2K	5%	1/4W
R628	1-249-419-11	CARBON	1.5K	5%	1/4W F
R632	1-249-437-11	CARBON	47K	5%	1/4W
R640	1-216-450-00	METAL OXIDE	82	5%	2W F (DE915)
R641	1-249-441-11	CARBON	100K	5%	1/4W (DE915)
R642	1-216-454-11	METAL OXIDE	390	5%	2W F (V909/VE910)
R642	1-215-889-00	METAL OXIDE	330	5%	2W F (DE915)
R643	1-249-441-11	CARBON	100K	5%	1/4W
R644	1-215-890-11	METAL OXIDE	470	5%	2W F (DE915)

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Ref. No.	Part No.	Description			Remarks
R645	1-249-441-11	CARBON	100K	5%	1/4W (DE915)
R650	1-249-425-11	CARBON	4.7K	5%	1/4W F
R651	1-249-429-11	CARBON	10K	5%	1/4W
⚠R652	1-249-393-11	CARBON	10	5%	1/4W F
R739	1-215-868-00	METAL OXIDE	680	5%	1W F
R789	1-215-868-00	METAL OXIDE	680	5%	1W F
⚠R802	1-249-381-11	CARBON	1	5%	1/4W F
R803	1-247-843-11	CARBON	3.3K	5%	1/4W
		< RELAY >			
RY501	1-515-920-11	RELAY (24V)			
RY502	1-515-920-11	RELAY (24V)			
RY602	1-515-793-11	RELAY			
		< TERMINAL >			
* TM501	1-537-699-11	TERMINAL BOARD (SP) (FRONT SPEAKERS)			

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Ref. No.	Part No.	Description			Remarks
*	1-665-791-11	AMP JOINT (F) BOARD *******************			
		< CONNECTOR >			
CNP501	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P			
CNP502	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P			

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Ref. No.	Part No.	Description			Remarks
*	1-665-792-11	AMP JOINT (B) BOARD *******************			
		< CONNECTOR >			
CNP601	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P			
CNP602	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P			

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Ref. No.	Part No.	Description			Remarks
*	1-665-786-11	AUDIO (2F) BOARD **************			
		< CAPACITOR >			
C398	1-162-282-31	CERAMIC	100PF	10%	50V
C399	1-162-294-31	CERAMIC	0.001uF	10%	50V
CC08	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC09	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC10	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC11	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC12	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC13	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC58	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC59	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC60	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC61	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC62	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC63	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)

Ref. No.	Part No.	Description			Remarks
		< CONNECTOR >			
CNS302	1-695-093-11	SOCKET, CONNECTOR 9P			
		< IC >			
IC303	8-759-805-14	IC LC7822			
		< JACK >			
J304	1-766-394-11	JACK, PIN 6P (VIDEO 1 IN OUT,VIDEO 2 IN)			
J305	1-766-394-11	JACK, PIN 6P (VIDEO 2 OUT,LD/DVD,TV/DBS)			
		< RESISTOR >			
R318	1-249-417-11	CARBON	1K	5%	1/4W F
R319	1-249-417-11	CARBON	1K	5%	1/4W F
R320	1-249-417-11	CARBON	1K	5%	1/4W F
R321	1-249-417-11	CARBON	1K	5%	1/4W F
R322	1-249-417-11	CARBON	1K	5%	1/4W F
R323	1-249-417-11	CARBON	1K	5%	1/4W F
R368	1-249-417-11	CARBON	1K	5%	1/4W F
R369	1-249-417-11	CARBON	1K	5%	1/4W F
R370	1-249-417-11	CARBON	1K	5%	1/4W F
R371	1-249-417-11	CARBON	1K	5%	1/4W F
R372	1-249-417-11	CARBON	1K	5%	1/4W F
R373	1-249-417-11	CARBON	1K	5%	1/4W F
R398	1-249-417-11	CARBON	1K	5%	1/4W F
R399	1-249-425-11	CARBON	4.7K	5%	1/4W F

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Ref. No.	Part No.	Description			Remarks
*	1-665-815-11	BALANCE BOARD *************			
		< VARIABLE RESISTOR >			
RV402	1-225-447-11	RES, VAR, CARBON 100K/100K (BALANCE)			

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Ref. No.	Part No.	Description			Remarks
*	A-4398-274-A	DIGITAL BOARD, COMPLETE (DE915) ************************			
*	A-4403-423-A	DIGITAL BOARD, COMPLETE (V909/VE910) ************************			
		< CAPACITOR >			
C3101	1-126-964-11	ELECT	10uF	20%	50V
C3102	1-126-964-11	ELECT	10uF	20%	50V
C3103	1-130-467-00	MYLAR	470PF	5%	50V
C3104	1-130-467-00	MYLAR	470PF	5%	50V
C3105	1-126-964-11	ELECT	10uF	20%	50V
C3106	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3107	1-106-351-00	MYLAR	2200PF	5%	200V
C3108	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3110	1-104-665-11	ELECT	100uF	20%	25V
C3111	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C3112	1-126-964-11	ELECT	10uF	20%	50V
C3113	1-126-964-11	ELECT	10uF	20%	50V
C3114	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C3115	1-126-967-11	ELECT	47uF	20%	16V
C3116	1-165-319-11	CERAMIC CHIP	0.1uF		50V

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DIGITAL

Ref. No.	Part No.	Description			Remarks
C3117	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C3118	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C3119	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C3120	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3121	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3122	1-104-665-11	ELECT	100uF	20%	25V
C3151	1-126-964-11	ELECT	10uF	20%	50V
C3152	1-126-964-11	ELECT	10uF	20%	50V
C3153	1-130-467-00	MYLAR	470PF	5%	50V
C3154	1-130-467-00	MYLAR	470PF	5%	50V
C3155	1-126-964-11	ELECT	10uF	20%	50V
C3156	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3157	1-106-351-00	MYLAR	2200PF	5%	200V
C3158	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3160	1-104-665-11	ELECT	100uF	20%	25V
C3161	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C3162	1-126-964-11	ELECT	10uF	20%	50V
C3163	1-126-964-11	ELECT	10uF	20%	50V
C3164	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C3166	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3301	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C3302	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3303	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3304	1-163-023-00	CERAMIC CHIP	0.015uF	5%	50V
C3305	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C3306	1-165-319-11	CERAMIC CHIP	0.1uF		50V (V909/VE910)
C3307	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3308	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3309	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3310	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3311	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3313	1-165-319-11	CERAMIC CHIP	0.1uF		50V (V909/VE910)
C3314	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3315	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C3316	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C3320	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C3321	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3322	1-163-248-11	CERAMIC CHIP	75PF	5%	50V
C3323	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C3324	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3325	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3326	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C3327	1-136-921-11	FILM	1uF	5%	50V
C3328	1-136-921-11	FILM	1uF	5%	50V
C3330	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3331	1-104-665-11	ELECT	100uF	20%	25V
C3332	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3333	1-126-967-11	ELECT	47uF	20%	16V
C3334	1-130-495-00	MYLAR	0.1uF	5%	50V
C3336	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3337	1-163-099-00	CERAMIC CHIP	18PF	5%	50V
C3338	1-163-085-00	CERAMIC CHIP	2PF		50V
C3339	1-126-964-11	ELECT	10uF	20%	50V
C3340	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C3341	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C3342	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3345	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3346	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3347	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3348	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3351	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3352	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3353	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3354	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3355	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3401	1-104-665-11	ELECT	100uF	20%	25V
C3407	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3408	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3409	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C3410	1-130-483-00	MYLAR	0.01uF	5%	50V
C3411	1-163-249-11	CERAMIC CHIP	82PF	5%	50V
C3412	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C3413	1-163-229-11	CERAMIC CHIP	12PF	5%	50V
C3414	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3415	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3416	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C3417	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C3418	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3419	1-104-665-11	ELECT	100uF	20%	25V
C3420	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3421	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3422	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3423	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3424	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3425	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C3426	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C3427	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3429	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3430	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3431	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3432	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3433	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3434	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C3435	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C3436	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3438	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3439	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3440	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3441	1-126-964-11	ELECT	10uF	20%	50V
C3442	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C3443	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3444	1-126-933-11	ELECT	100uF	20%	16V
C3447	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3471	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3472	1-130-490-11	MYLAR	0.039uF	5%	50V
C3475	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3476	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3477	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3478	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3479	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C3480	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C3481	1-126-965-11	ELECT	22uF	20%	50V
C3482	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3483	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3484	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C3485	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3486	1-165-319-11	CERAMIC CHIP	0.1uF		50V

Ref. No.	Part No.	Description			Remarks
C3487	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3488	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3489	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3490	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C3491	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3492	1-126-965-11	ELECT	22uF	20%	50V
C3493	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C3494	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3495	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C3496	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3497	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3498	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3499	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3500	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3501	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3502	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3503	1-110-339-11	MYLAR	220PF	5%	50V
C3504	1-110-339-11	MYLAR	220PF	5%	50V
C3505	1-110-339-11	MYLAR	220PF	5%	50V
C3506	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3507	1-126-964-11	ELECT	10uF	20%	50V
C3508	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C3509	1-110-339-11	MYLAR	220PF	5%	50V
C3510	1-130-477-00	MYLAR	0.0033uF	5%	50V
C3511	1-130-469-00	MYLAR	680PF	5%	50V
C3512	1-110-339-11	MYLAR	220PF	5%	50V
C3513	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3514	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3515	1-110-339-11	MYLAR	220PF	5%	50V
C3516	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3517	1-110-339-11	MYLAR	220PF	5%	50V
C3518	1-110-339-11	MYLAR	220PF	5%	50V
C3519	1-130-477-00	MYLAR	0.0033uF	5%	50V
C3520	1-130-469-00	MYLAR	680PF	5%	50V
C3521	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3525	1-126-964-11	ELECT	10uF	20%	50V
C3526	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C3527	1-126-964-11	ELECT	10uF	20%	50V
C3531	1-126-964-11	ELECT	10uF	20%	50V
C3532	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3533	1-110-339-11	MYLAR	220PF	5%	50V
C3534	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3535	1-110-339-11	MYLAR	220PF	5%	50V
C3536	1-110-339-11	MYLAR	220PF	5%	50V
C3537	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3538	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3539	1-110-339-11	MYLAR	220PF	5%	50V
C3540	1-130-477-00	MYLAR	0.0033uF	5%	50V
C3541	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3542	1-130-469-00	MYLAR	680PF	5%	50V
C3543	1-110-339-11	MYLAR	220PF	5%	50V
C3544	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3545	1-130-469-00	MYLAR	680PF	5%	50V
C3546	1-130-477-00	MYLAR	0.0033uF	5%	50V
C3547	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3548	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3549	1-110-339-11	MYLAR	220PF	5%	50V
C3550	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3551	1-110-339-11	MYLAR	220PF	5%	50V
C3552	1-110-339-11	MYLAR	220PF	5%	50V

Ref. No.	Part No.	Description			Remarks
C3553	1-110-339-11	MYLAR	220PF	5%	50V
C3554	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3555	1-110-339-11	MYLAR	220PF	5%	50V
C3556	1-110-339-11	MYLAR	220PF	5%	50V
C3557	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3558	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3559	1-110-339-11	MYLAR	220PF	5%	50V
C3560	1-130-477-00	MYLAR	0.0033uF	5%	50V
C3561	1-130-469-00	MYLAR	680PF	5%	50V
C3562	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3563	1-110-339-11	MYLAR	220PF	5%	50V
C3564	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3565	1-130-477-00	MYLAR	0.0033uF	5%	50V
C3566	1-130-469-00	MYLAR	680PF	5%	50V
C3567	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3568	1-110-339-11	MYLAR	220PF	5%	50V
C3569	1-110-339-11	MYLAR	220PF	5%	50V
C3570	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3571	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3572	1-110-339-11	MYLAR	220PF	5%	50V
C3573	1-126-964-11	ELECT	10uF	20%	50V
C3574	1-126-964-11	ELECT	10uF	20%	50V
C3575	1-126-964-11	ELECT	10uF	20%	50V
C3576	1-126-964-11	ELECT	10uF	20%	50V
C3577	1-126-964-11	ELECT	10uF	20%	50V
C3578	1-126-964-11	ELECT	10uF	20%	50V
C3579	1-126-964-11	ELECT	10uF	20%	50V
C3580	1-126-964-11	ELECT	10uF	20%	50V
C3581	1-126-964-11	ELECT	10uF	20%	50V
C3582	1-126-964-11	ELECT	10uF	20%	50V
C3583	1-126-964-11	ELECT	10uF	20%	50V
C3584	1-126-964-11	ELECT	10uF	20%	50V
C3585	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3586	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3587	1-126-965-11	ELECT	22uF	20%	50V
C3588	1-126-965-11	ELECT	22uF	20%	50V
C3589	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3600	1-126-965-11	ELECT	22uF	20%	50V
C3605	1-126-965-11	ELECT	22uF	20%	50V
C3606	1-126-965-11	ELECT	22uF	20%	50V
C3607	1-126-965-11	ELECT	22uF	20%	50V
C3608	1-126-965-11	ELECT	22uF	20%	50V
C3609	1-126-965-11	ELECT	22uF	20%	50V
C3621	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3650	1-130-467-00	MYLAR	470PF	5%	50V
C3653	1-130-467-00	MYLAR	470PF	5%	50V
C3656	1-130-467-00	MYLAR	470PF	5%	50V
C3659	1-130-467-00	MYLAR	470PF	5%	50V
C3662	1-130-467-00	MYLAR	470PF	5%	50V
C3665	1-130-467-00	MYLAR	470PF	5%	50V

< CONNECTOR >

CN3301	1-569-309-11	SOCKET, CONNECTOR (L TYRE) 21P
CN3302	1-569-309-11	SOCKET, CONNECTOR (L TYRE) 21P
CN3303	1-691-767-11	PLUG (MICRO CONNECTOR) 5P
CN3304	1-691-768-11	PLUG (MICRO CONNECTOR) 6P

DIGITAL

Ref. No.	Part No.	Description	Remarks
		< DIODE >	
D3303	8-719-061-62	DIODE KV1851	
D3401	8-719-951-05	DIODE KV1560	
D3402	8-719-801-78	DIODE 1SS184	
D3404	8-719-801-78	DIODE 1SS184	
D3407	8-719-820-05	DIODE 1SS181	
D3409	8-719-801-78	DIODE 1SS184	
D3410	8-719-801-78	DIODE 1SS184	
		< FERRITE BEAD >	
FB3401	1-410-397-21	FERRITE BEAD INDUCTOR	
FB3402	1-410-397-21	FERRITE BEAD INDUCTOR	
FB3403	1-410-397-21	FERRITE BEAD INDUCTOR	
FB3404	1-410-397-21	FERRITE BEAD INDUCTOR	
FB3405	1-414-813-21	INDUCTOR 0UH	
FB3406	1-414-813-21	INDUCTOR 0UH	
FB3407	1-414-813-21	INDUCTOR 0UH	
		< FILTER >	
FL3301	1-233-866-11	FILTER, BAND PASS	
		< IC >	
IC3101	8-759-636-55	IC M5218AFP	
IC3102	8-759-636-55	IC M5218AFP	
IC3103	8-759-636-55	IC M5218AFP	
IC3104	8-759-463-77	IC CXD8681M-TP	
IC3105	8-759-604-35	IC M5F78M05L	
IC3106	8-759-045-17	IC NJM79L05UA	
IC3107	8-759-242-70	IC TC7WU04F	
IC3108	8-759-233-26	IC TC74HC393AF-TP1	
IC3301	8-749-923-05	IC TORX178 (LD/DVD IN)	
IC3302	8-749-923-05	IC TORX178 (CD IN)	
IC3303	8-749-923-05	IC TORX178 (DAT/MD IN)	
IC3304	8-749-923-04	IC TOTX178 (DAT/MD OUT)	
IC3305	8-759-262-03	IC MC14577CF	
IC3306	8-759-636-55	IC M5218AFP	
IC3307	8-759-045-17	IC NJM79L05UA	
IC3308	8-759-463-68	IC SN-PM4007A	
IC3309	8-759-441-94	IC IDT71256SA20Y-TL	
IC3311	8-759-326-72	IC CXD8521M	
IC3313	8-759-236-17	IC TC74HC151AF-TP1	
IC3314	8-759-242-70	IC TC7WU04F (V909/VE910)	
IC3401	8-759-370-62	IC CXD8505BQ	
IC3402	8-759-370-62	IC CXD8505BQ	
IC3403	8-759-370-62	IC CXD8505BQ	
IC3407	8-759-233-26	IC TC74HC393AF-TP1	
IC3408	8-759-233-64	IC TC74HCU04AF	
IC3409	8-759-250-81	IC TC5081AP	
IC3410	8-759-446-37	IC DSP56009FJ88F	
IC3411	8-759-436-44	IC IDT71024S20Y-TL	
IC3412	8-759-446-40	IC SSP424023FJ88	
IC3413	8-759-488-55	IC MB90641APF-G-104BND	
IC3414	8-759-232-65	IC TC74HC157AF	
IC3417	8-759-233-64	IC TC74HCU04AF	
IC3425	8-759-242-70	IC TC7WU04F	
IC3501	8-759-636-55	IC M5218AFP	
IC3502	8-759-636-55	IC M5218AFP	
IC3503	8-759-636-55	IC M5218AFP	
IC3504	8-759-636-55	IC M5218AFP	
IC3505	8-759-636-55	IC M5218AFP	
IC3506	8-759-636-55	IC M5218AFP	
IC3507	8-759-636-55	IC M5218AFP	
IC3508	8-759-636-55	IC M5218AFP	
IC3509	8-759-636-55	IC M5218AFP	
IC3510	8-759-636-55	IC M5218AFP	
IC3511	8-759-636-55	IC M5218AFP	
IC3512	8-759-636-55	IC M5218AFP	
IC3513	8-759-636-55	IC M5218AFP	
IC3514	8-759-636-55	IC M5218AFP	
IC3515	8-759-636-55	IC M5218AFP	
IC3516	8-759-463-71	IC LC7535M-TP	
IC3517	8-759-463-71	IC LC7535M-TP	
		< JACK >	
J3301	1-770-905-11	JACK, PIN 1P (LD IN COAXIAL)(V909/VE910)	
J3302	1-779-701-11	JACK, PIN 1P (LD/DVD IN)	
		< COIL >	
L3301	1-410-391-11	INDUCTOR CHIP 68uH	
L3401	1-426-850-11	COIL (RF)	
L3402	1-410-381-11	INDUCTOR CHIP 10uH	
L3403	1-410-381-11	INDUCTOR CHIP 10uH	
L3404	1-410-381-11	INDUCTOR CHIP 10uH	
L3405	1-410-381-11	INDUCTOR CHIP 10uH	
		< TRANSISTOR >	
Q3301	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q3302	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q3303	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3304	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q3305	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q3306	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3307	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q3308	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3309	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q3310	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3311	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q3312	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3313	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q3314	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3315	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q3401	8-729-232-11	TRANSISTOR 2SK302-GR-TE85L	
Q3402	8-729-232-11	TRANSISTOR 2SK302-GR-TE85L	
Q3403	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q3404	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q3405	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q3406	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q3407	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q3501	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q3502	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q3503	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q3504	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q3505	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q3506	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q3511	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q3512	8-729-107-46	TRANSISTOR 2SC3624A-L15	

Ref. No.	Part No.	Description			Remarks
Q3513	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q3514	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q3515	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q3516	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q3517	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q3518	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q3519	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q3520	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q3521	8-729-107-46	TRANSISTOR	2SC3624A-L15		
Q3522	8-729-107-46	TRANSISTOR	2SC3624A-L15		
		< RESISTOR >			
R3100	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3101	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3102	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3103	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3104	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R3105	1-216-017-91	METAL GLAZE	47	5%	1/10W
R3106	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3107	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R3108	1-216-017-91	METAL GLAZE	47	5%	1/10W
R3109	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3110	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3111	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3112	1-216-027-00	METAL CHIP	120	5%	1/10W
R3113	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3114	1-216-025-91	METAL GLAZE	100	5%	1/10W
R3115	1-216-025-91	METAL GLAZE	100	5%	1/10W
R3116	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R3117	1-216-041-00	METAL CHIP	470	5%	1/10W
R3118	1-216-025-91	METAL GLAZE	100	5%	1/10W
R3119	1-216-025-91	METAL GLAZE	100	5%	1/10W
R3120	1-216-025-91	METAL GLAZE	100	5%	1/10W
R3121	1-216-043-91	METAL GLAZE	560	5%	1/10W
R3123	1-216-041-00	METAL CHIP	470	5%	1/10W
R3124	1-216-041-00	METAL CHIP	470	5%	1/10W
R3150	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3151	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3152	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3153	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3154	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R3155	1-216-017-91	METAL GLAZE	47	5%	1/10W
R3156	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3157	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R3158	1-216-017-91	METAL GLAZE	47	5%	1/10W
R3159	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3160	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3161	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3162	1-216-027-00	METAL CHIP	120	5%	1/10W
R3163	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3301	1-216-022-00	METAL CHIP	75	5%	1/10W
R3302	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3303	1-216-081-00	METAL CHIP	22K	5%	1/10W
R3304	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3305	1-216-029-00	METAL CHIP	150	5%	1/10W
R3306	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3307	1-216-022-00	METAL CHIP	75	5%	1/10W (V909/VE910)
R3309	1-216-073-00	METAL CHIP	10K	5%	1/10W (V909/VE910)
R3310	1-216-022-00	METAL CHIP	75	5%	1/10W
R3311	1-216-022-00	METAL CHIP	75	5%	1/10W
R3312	1-216-025-91	METAL GLAZE	100	5%	1/10W (V909/VE910)
R3313	1-216-022-00	METAL CHIP	75	5%	1/10W
R3314	1-216-022-00	METAL CHIP	75	5%	1/10W
R3315	1-216-025-91	METAL GLAZE	100	5%	1/10W (V909/VE910)
R3316	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3317	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3318	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3319	1-216-083-00	METAL CHIP	27K	5%	1/10W
R3320	1-216-043-91	METAL GLAZE	560	5%	1/10W
R3321	1-216-024-00	METAL GLAZE	91	5%	1/10W
R3322	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3323	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3324	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3325	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3326	1-216-029-00	METAL CHIP	150	5%	1/10W
R3327	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3328	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3329	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3330	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3331	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R3332	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3333	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3334	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3335	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3336	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3337	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R3338	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3339	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3340	1-216-081-00	METAL CHIP	22K	5%	1/10W
R3341	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3342	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W
R3343	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3344	1-216-093-00	METAL CHIP	68K	5%	1/10W
R3345	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3346	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3347	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R3348	1-216-027-00	METAL CHIP	120	5%	1/10W
R3349	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R3350	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R3351	1-216-017-91	METAL GLAZE	47	5%	1/10W
R3352	1-216-025-91	METAL GLAZE	100	5%	1/10W
R3353	1-216-025-91	METAL GLAZE	100	5%	1/10W
R3354	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3355	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3356	1-216-081-00	METAL CHIP	22K	5%	1/10W
R3357	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3358	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3359	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3360	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3361	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3362	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3363	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3364	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3365	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3366	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3367	1-216-049-91	METAL GLAZE	1K	5%	1/10W

DIGITAL

Ref. No.	Part No.	Description			Remarks
R3368	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3369	1-216-041-00	METAL CHIP	470	5%	1/10W
R3370	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3371	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3372	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3373	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3374	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3375	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3376	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3377	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3378	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3379	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3380	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3381	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3382	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3383	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R3384	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R3385	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3386	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3387	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3388	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3389	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3390	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3391	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3392	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3393	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3394	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3395	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3396	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3397	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3398	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3399	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3400	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3401	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R3402	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3403	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3404	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3405	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3406	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3407	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3408	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3409	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3410	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3411	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3412	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3413	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3414	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3415	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3416	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3417	1-216-017-91	METAL GLAZE	47	5%	1/10W
R3418	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3419	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3421	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3422	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3423	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3424	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3425	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3426	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3427	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3428	1-216-295-91	CONDUCTOR, CHIP (2012)			

Ref. No.	Part No.	Description			Remarks
R3429	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3430	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3431	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3432	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3433	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3434	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3435	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3436	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3437	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3438	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3439	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3440	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3441	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3442	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3443	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3444	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3445	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3446	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3447	1-216-041-00	METAL CHIP	470	5%	1/10W
R3448	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3449	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3450	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3451	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3452	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3453	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3454	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3455	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3456	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3457	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3458	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3459	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3460	1-216-308-00	METAL CHIP	4.7	5%	1/10W
R3461	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3462	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3465	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3466	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3479	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3480	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R3501	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R3502	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3503	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3504	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3505	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3506	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3507	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3508	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3509	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3510	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3511	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3512	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R3513	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3514	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3515	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R3516	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3517	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3518	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3519	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3520	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3521	1-216-062-00	METAL CHIP	3.6K	5%	1/10W
R3522	1-216-073-00	METAL CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description			Remarks
R3523	1-216-054-00	METAL GLAZE	1.6K	5%	1/10W
R3524	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R3525	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R3526	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3527	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3528	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3529	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3530	1-216-081-00	METAL CHIP	22K	5%	1/10W
R3531	1-216-081-00	METAL CHIP	22K	5%	1/10W
R3532	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R3533	1-216-109-00	METAL CHIP	330K	5%	1/10W
R3534	1-216-109-00	METAL CHIP	330K	5%	1/10W
R3535	1-216-062-00	METAL CHIP	3.6K	5%	1/10W
R3536	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R3537	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R3538	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3539	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3540	1-216-054-00	METAL GLAZE	1.6K	5%	1/10W
R3541	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3542	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3543	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3544	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3545	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R3546	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R3547	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R3548	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R3549	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3550	1-216-081-00	METAL CHIP	22K	5%	1/10W
R3551	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R3552	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3553	1-216-081-00	METAL CHIP	22K	5%	1/10W
R3554	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3555	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3556	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3557	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3558	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3559	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3560	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3561	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R3562	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3563	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3564	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R3565	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3566	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3567	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3568	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3569	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3570	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3571	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3572	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3573	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3574	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3575	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3576	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R3577	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3578	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R3579	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3580	1-216-081-00	METAL CHIP	22K	5%	1/10W
R3581	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R3582	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3583	1-216-081-00	METAL CHIP	22K	5%	1/10W
R3584	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3586	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3587	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3588	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3589	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3590	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3591	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3592	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3594	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3595	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3596	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3597	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3598	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3599	1-216-041-00	METAL CHIP	470	5%	1/10W
R3600	1-216-041-00	METAL CHIP	470	5%	1/10W
R3601	1-216-041-00	METAL CHIP	470	5%	1/10W
R3602	1-216-041-00	METAL CHIP	470	5%	1/10W
R3603	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3604	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3605	1-216-041-00	METAL CHIP	470	5%	1/10W
R3606	1-216-041-00	METAL CHIP	470	5%	1/10W
R3607	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3608	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3609	1-216-041-00	METAL CHIP	470	5%	1/10W
R3610	1-216-041-00	METAL CHIP	470	5%	1/10W
R3611	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3612	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3613	1-216-041-00	METAL CHIP	470	5%	1/10W
R3614	1-216-041-00	METAL CHIP	470	5%	1/10W
R3615	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3616	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3617	1-216-041-00	METAL CHIP	470	5%	1/10W
R3618	1-216-041-00	METAL CHIP	470	5%	1/10W
R3619	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3620	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3621	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3622	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3623	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3627	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3628	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3631	1-216-079-00	METAL CHIP	18K	5%	1/10W
R3632	1-216-056-00	METAL GLAZE	2K	5%	1/10W
R3633	1-216-079-00	METAL CHIP	18K	5%	1/10W
R3634	1-216-056-00	METAL GLAZE	2K	5%	1/10W
R3635	1-216-079-00	METAL CHIP	18K	5%	1/10W
R3636	1-216-056-00	METAL GLAZE	2K	5%	1/10W
R3637	1-216-079-00	METAL CHIP	18K	5%	1/10W
R3638	1-216-056-00	METAL GLAZE	2K	5%	1/10W
R3639	1-216-079-00	METAL CHIP	18K	5%	1/10W
R3640	1-216-056-00	METAL GLAZE	2K	5%	1/10W
R3641	1-216-079-00	METAL CHIP	18K	5%	1/10W
R3642	1-216-056-00	METAL GLAZE	2K	5%	1/10W
R3650	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3651	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3652	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3653	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3654	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3655	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3656	1-216-065-00	METAL CHIP	4.7K	5%	1/10W

DIGITAL DISPLAY L.B

Ref. No.	Part No.	Description			Remarks
R3657	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3658	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3659	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3660	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3661	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3662	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3663	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3664	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3665	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3666	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3667	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3668	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3669	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3670	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3671	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3672	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3673	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3674	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3675	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3676	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3677	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3678	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3679	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3680	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3681	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3682	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3683	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3684	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3701	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3702	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3703	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3704	1-216-295-91	CONDUCTOR, CHIP (2012)			
R3706	1-216-295-91	CONDUCTOR, CHIP (2012)			
		< VARIABLE RESISTOR >			
RV3301	1-241-765-11	RES, ADJ, CARBON 22K			
		< VIBRATOR >			
X3302	1-767-434-11	VIBRATOR, CRYSTAL 18.432MHz			
X3401	1-767-359-11	VIBRATOR, CERAMIC 4MHz			
X3501	1-767-576-11	VIBRATOR, CRYSTAL 12.288MHz			

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Ref. No.	Part No.	Description			Remarks
*	A-4398-225-A	DISPLAY BOARD, COMPLETE (DE915:US,CND)			
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*	A-4398-246-A	DISPLAY BOARD, COMPLETE (DE915:AUS)			
		************************			
*	A-4398-281-A	DISPLAY BOARD, COMPLETE (DE915:PX)			
		************************			
*	A-4398-284-A	DISPLAY BOARD, COMPLETE (V909/VE910)			
		************************			
		L.B BOARD			
		*********			
*	4-921-941-01	CUSHION (FL)			
*	4-990-797-01	HOLDER (FL)			
		< CAPACITOR >			
C101	1-164-159-11	CERAMIC	0.1uF		50V
C102	1-164-159-11	CERAMIC	0.1uF		50V
C103	1-164-159-11	CERAMIC	0.1uF		50V
C104	1-164-159-11	CERAMIC	0.1uF		50V
C105	1-164-159-11	CERAMIC	0.1uF		50V

Ref. No.	Part No.	Description			Remarks
C106	1-164-159-11	CERAMIC	0.1uF		50V
C111	1-126-786-11	ELECT	47uF	20%	16V
C113	1-126-786-11	ELECT	47uF	20%	16V
C115	1-104-905-11	CAPACITOR	0.22F		5.5V
C116	1-164-159-11	CERAMIC	0.1uF		50V
C117	1-164-159-11	CERAMIC	0.1uF		50V
C135	1-126-795-11	ELECT	10uF	20%	50V
C140	1-126-786-11	ELECT	47uF	20%	16V
C141	1-164-159-11	CERAMIC	0.1uF		50V
C142	1-164-159-11	CERAMIC	0.1uF		50V
		< CONNECTOR >			
CNP101	1-779-365-11	CONNECTOR, PC BOARD (PLUG) 8P			
CNS102	1-770-397-11	HOUSING, CONNECTOR(PC BOARD)4P			
CNS103	1-779-366-11	CONNECTOR, BOARD TO BOARD 4P			
CNS104	1-569-308-11	SOCKET, CONNECTOR (L TYRE) 19P			
CNS105	1-569-324-11	SOCKET, CONNECTOR 21P			
CNS107	1-568-438-11	SOCKET, CONNECTOR 17P			
		< DIODE >			
D101	8-719-313-45	DIODE SEL6810A-TH10 (PHONO)			
D102	8-719-313-45	DIODE SEL6810A-TH10 (TUNER)			
D103	8-719-313-45	DIODE SEL6810A-TH10 (CD)			
D104	8-719-313-45	DIODE SEL6810A-TH10 (DAT/MD)			
D105	8-719-313-45	DIODE SEL6810A-TH10 (TAPE)			
D106	8-719-313-45	DIODE SEL6810A-TH10 (TV/DBS)			
D107	8-719-313-45	DIODE SEL6810A-TH10 (LD/DBS)			
D108	8-719-313-45	DIODE SEL6810A-TH10 (VIDEO 3)			
D109	8-719-313-45	DIODE SEL6810A-TH10 (VIDEO 2)			
D110	8-719-313-45	DIODE SEL6810A-TH10 (VIDEO 1)			
D111	8-719-313-45	DIODE SEL6810A-TH10 (DIRECT PASS)			
D115	8-719-313-45	DIODE SEL6810A-TH10 (SUR)			
D116	8-719-313-45	DIODE SEL6810A-TH10 (TONE)			
D117	8-719-313-45	DIODE SEL6810A-TH10 (INDEX)			
D118	8-719-313-45	DIODE SEL6810A-TH10 (BASS BOOST)			
D119	8-719-313-43	DIODE SEL6210S-TH10 (STANDBY) (DE915:AUS/V909/VE910)			
D133	8-719-987-63	DIODE 1N4148M			
D134	8-719-024-99	DIODE 11ES2-NTA2B			
D135	8-719-057-97	DIODE SEL5923A-TP15 (DISCRETE)			
D142	8-719-987-63	DIODE 1N4148M			
D143	8-719-987-63	DIODE 1N4148M			
D144	8-719-987-63	DIODE 1N4148M			
		< FILTER >			
FL101	1-517-671-11	INDICATOR TUBE, FLUORESCENT			
		< IC >			
IC101	8-759-459-84	IC NJL56H400			
IC103	8-759-457-56	IC MB90673PF-G-206-BND			
IC106	8-759-962-08	IC BA6208			
IC107	8-759-075-35	IC TD62C950RF			
IC108	8-759-999-53	IC MSC1164GS-K			
		< COIL >			
L101	1-410-509-11	INDUCTOR	10uH		

Ref. No.	Part No.	Description				Remarks
		< TRANSISTOR >				
Q101	8-729-900-36	TRANSISTOR DTC124ES				
Q103	8-729-900-36	TRANSISTOR DTC124ES				
Q104	8-729-900-36	TRANSISTOR DTC124ES (V909/VE910)				
Q105	8-729-900-36	TRANSISTOR DTC124ES				(DE915:AUS/V909/VE910)
Q106	8-729-900-36	TRANSISTOR DTC124ES				
Q107	8-729-900-36	TRANSISTOR DTC124ES				
Q108	8-729-900-36	TRANSISTOR DTC124ES				
Q111	8-729-900-36	TRANSISTOR DTC124ES				
Q112	8-729-900-36	TRANSISTOR DTC124ES				
Q113	8-729-900-36	TRANSISTOR DTC124ES				
Q114	8-729-900-36	TRANSISTOR DTC124ES				
Q115	8-729-900-36	TRANSISTOR DTC124ES				
Q116	8-729-900-36	TRANSISTOR DTC124ES				
Q117	8-729-900-36	TRANSISTOR DTC124ES				
Q118	8-729-900-36	TRANSISTOR DTC124ES				
Q119	8-729-900-36	TRANSISTOR DTC124ES				
Q120	8-729-900-36	TRANSISTOR DTC124ES				
Q121	8-729-900-36	TRANSISTOR DTC124ES				
Q122	8-729-900-36	TRANSISTOR DTC124ES				
Q123	8-729-900-36	TRANSISTOR DTC124ES				
Q124	8-729-119-76	TRANSISTOR 2SA1175-HFE				
		< RESISTOR >				
R101	1-249-437-11	CARBON	47K	5%	1/4W	
R102	1-249-429-11	CARBON	10K	5%	1/4W	
R111	1-247-807-31	CARBON	100	5%	1/4W	
R112	1-247-807-31	CARBON	100	5%	1/4W	
R113	1-247-807-31	CARBON	100	5%	1/4W	
R114	1-247-807-31	CARBON	100	5%	1/4W	
R118	1-249-417-11	CARBON	1K	5%	1/4W	F
R119	1-249-417-11	CARBON	1K	5%	1/4W	F
R120	1-249-417-11	CARBON	1K	5%	1/4W	F
R121	1-249-417-11	CARBON	1K	5%	1/4W	F
R122	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R123	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R124	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R125	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R126	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R127	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R128	1-249-417-11	CARBON	1K	5%	1/4W	F
R130	1-249-429-11	CARBON	10K	5%	1/4W	
R131	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R141	1-249-441-11	CARBON	100K	5%	1/4W	
R142	1-249-441-11	CARBON	100K	5%	1/4W	
R150	1-249-393-11	CARBON	10	5%	1/4W	F
R151	1-249-433-11	CARBON	22K	5%	1/4W	
R152	1-249-437-11	CARBON	47K	5%	1/4W	
⚠R153	1-249-385-11	CARBON	2.2	5%	1/6W	F
⚠R154	1-249-385-11	CARBON	2.2	5%	1/6W	F
R155	1-249-411-11	CARBON	330	5%	1/4W	
R156	1-249-411-11	CARBON	330	5%	1/4W	
R157	1-249-411-11	CARBON	330	5%	1/4W	
R158	1-249-411-11	CARBON	330	5%	1/4W	
R160	1-249-411-11	CARBON	330	5%	1/4W	
R161	1-249-411-11	CARBON	330	5%	1/4W	(DE915:AUS/V909/VE910)
R162	1-249-429-11	CARBON	10K	5%	1/4W	
R164	1-249-429-11	CARBON	10K	5%	1/4W	
R165	1-249-429-11	CARBON	10K	5%	1/4W	
R166	1-249-429-11	CARBON	10K	5%	1/4W	
R188	1-249-411-11	CARBON	330	5%	1/4W	
R189	1-249-413-11	CARBON	470	5%	1/4W	F
R190	1-249-415-11	CARBON	680	5%	1/4W	F
R191	1-249-417-11	CARBON	1K	5%	1/4W	F
R192	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R193	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R194	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R195	1-249-411-11	CARBON	330	5%	1/4W	
R196	1-249-413-11	CARBON	470	5%	1/4W	F
R197	1-249-415-11	CARBON	680	5%	1/4W	F
R198	1-249-417-11	CARBON	1K	5%	1/4W	F
R199	1-249-419-11	CARBON	1.5K	5%	1/4W	F
RR10	1-249-425-11	CARBON	4.7K	5%	1/4W	F
RR11	1-249-411-11	CARBON	330	5%	1/4W	
RR12	1-249-413-11	CARBON	470	5%	1/4W	F (DE915:AUS,PX/V909/VE910)
RR13	1-249-415-11	CARBON	680	5%	1/4W	F (DE915:PX/V909/VE910)
RR14	1-249-417-11	CARBON	1K	5%	1/4W	F (V909/VE910)
RR15	1-249-419-11	CARBON	1.5K	5%	1/4W	F (V909/VE910)
		< SWITCH >				
S123	1-762-751-11	SWITCH, TACTILE (<)				
S124	1-762-751-11	SWITCH, TACTILE (>)				
S125	1-762-751-11	SWITCH, TACTILE (MEMORY) (DE915)				
S126	1-762-751-11	SWITCH, TACTILE (FM MODE) (DE915)				
S127	1-762-751-11	SWITCH, TACTILE (FM/AM) (DE915)				
S127	1-762-751-11	SWITCH, TACTILE (DIMMER) (V909/VE910)				
S128	1-762-751-11	SWITCH, TACTILE (DISPLAY)				
S129	1-762-751-11	SWITCH, TACTILE (∧)				
S130	1-762-751-11	SWITCH, TACTILE (∨)				
S131	1-762-751-11	SWITCH, TACTILE (PRESET −) (DE915)				
S132	1-762-751-11	SWITCH, TACTILE (TUNING −) (DE915)				
S133	1-762-751-11	SWITCH, TACTILE (PRESET +) (DE915)				
S134	1-762-751-11	SWITCH, TACTILE (TUNING +) (DE915)				
S135	1-762-751-11	SWITCH, TACTILE (BASS BOOST)				
S151	1-762-751-11	SWITCH, TACTILE (POWER) (DE915)				
		< VIBRATOR >				
X101	1-567-819-11	VIBRATOR, CERAMIC 4MHz				

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Ref. No.	Part No.	Description
*	1-665-779-11	HEADPHONE BOARD ***************
		< CONNECTOR >
* CNP702	1-564-518-11	PLUG, CONNECTOR 3P
		< JACK >
J701	1-568-519-41	JACK, LARGE TYPE (PHONES)

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JOINT (VIDEO) PS REAR AMP

Ref. No.	Part No.	Description				Remarks
*	1-667-185-11	JOINT (VIDEO) BOARD				
		********************				
		< CONNECTOR >				
CNP214	1-695-087-11	PIN, CONNECTOR (PC BOARD) 7P				
CNP215	1-695-087-11	PIN, CONNECTOR (PC BOARD) 7P				
************	************	********************************				
*	A-4398-249-A	PS BOARD, COMPLETE (DE915:AUS/VE910: ******************** AEP,UK,G,AED,EE)				
*	A-4398-261-A	PS BOARD, COMPLETE (DE915:US,CND) ********************				
*	A-4398-278-A	PS BOARD, COMPLETE (V909/VE910:E,SP,MY) ********************				
*	A-4398-282-A	PS BOARD, COMPLETE (DE915:PX) ********************				
	7-685-872-09	SCREW +BVTT 3X8 (S)				
	1-533-399-31	HOLDER, FUSE				
		< CAPACITOR >				
⚠C901	1-136-157-00	FILM	0.022uF	5%	50V	
⚠C902	1-136-157-00	FILM	0.022uF	5%	50V	
C903	1-126-768-11	ELECT	2200uF	20%	16V	
C904	1-126-960-11	ELECT	1uF	20%	50V	
C905	1-126-959-11	ELECT	0.47uF	20%	50V	
C906	1-124-464-11	ELECT	0.22uF	20%	50V	
C913	1-164-159-11	CERAMIC	0.1uF		50V	
		< JACK >				
⚠CNJ901	1-540-060-11	OUTLET, AC (POLAR) (AC OUTLET) (US,CND,PX,CH)				
		< CONNECTOR >				
CNP903	1-564-321-00	PIN, CONNECTOR 2P				
* CNP904	1-580-230-21	PIN, CONNECTOR (PC BOARD) 2P (DE915:AUS/V909/VE910)				
CNP905	1-695-087-11	PIN, CONNECTOR (PC BOARD) 7P				
* CNP906	1-564-687-11	PIN, CONNECTOR 3P (DE915:PX,VE910:E)				
CNP908	1-564-320-00	PIN, CONNECTOR (B2P-VH) 2P (DE915:PX,VE910:E)				
		< DIODE >				
D901	8-719-024-99	DIODE 11ES2-NTA2B				
D902	8-719-024-99	DIODE 11ES2-NTA2B				
D903	8-719-024-99	DIODE 11ES2-NTA2B				
D904	8-719-024-99	DIODE 11ES2-NTA2B				
D905	8-719-987-63	DIODE 1N4148M				
D906	8-719-987-63	DIODE 1N4148M				
D907	8-719-987-63	DIODE 1N4148M				
		< TERMINAL, EARTH >				
* EB900	1-537-738-21	TERMINAL, EARTH (DE915:US,CND,PX/V909/VE910:E,SP,MY)				
		< FUSE >				
⚠F901	1-532-504-51	FUSE, TIME LAG 4A 250V (EXCEPT DE915:US,CND)				
⚠F901	1-533-311-11	FUSE, GLASS CYLINDRICAL 8A 125V (DE915:US,CND)				
⚠F902	1-532-464-51	FUSE, TIME LAG 2.5A 250V(DE915:AUS/VE910)				
⚠F903	1-532-504-51	FUSE, TIME LAG 4A 250V (DE915:PX,VE910:E)				
		< IC >				
IC901	8-759-333-83	IC NJM2103D				
		< TRANSISTOR >				
Q901	8-729-119-79	TRANSISTOR 2SC2785-FEK				
Q902	8-729-209-15	TRANSISTOR 2SD2012				
		< RESISTOR >				
⚠R901	1-202-725-00	SOLID	3.3M	10%	1/2W (DE915:US,CND)	
R902	1-249-429-11	CARBON	10K	5%	1/4W	
R903	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R904	1-249-417-11	CARBON	1K	5%	1/4W	F
R905	1-249-428-11	CARBON	8.2K	5%	1/4W	F
R906	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R908	1-249-433-11	CARBON	22K	5%	1/4W	
R909	1-249-439-11	CARBON	68K	5%	1/4W	
R910	1-249-437-11	CARBON	47K	5%	1/4W	
R912	1-249-430-11	CARBON	12K	5%	1/4W	
		< RELAY >				
RY901	1-515-999-11	RELAY, POWER				
		< TRANSFORMER >				
⚠T902	1-431-430-11	TRANSFORMER, POWER (DE915:US,CND)				
⚠T902	1-431-431-11	TRANSFORMER, POWER (DE915:AUS,PX/V909/VE910)				
************	************	********************************				
*	A-4398-234-A	REAR AMP BOARD, COMPLETE (V909/VE910) ***************************				
*	A-4398-248-A	REAR AMP BOARD, COMPLETE (DE915:AUS) ***************************				
*	A-4398-258-A	REAR AMP BOARD, COMPLETE (DE915:US, *************************** CND,PX)				
		< CAPACITOR >				
C701	1-126-964-11	ELECT	10uF	20%	50V	
C702	1-162-282-31	CERAMIC	100PF	10%	50V	
C703	1-102-233-00	CERAMIC	33PF	10%	500V	
C705	1-126-933-11	ELECT	100uF	20%	10V	
C720	1-126-967-11	ELECT	47uF	20%	16V	
C721	1-107-597-11	CERAMIC	22PF	10%	500V	
C722	1-107-597-11	CERAMIC	22PF	10%	500V	
C723	1-162-286-31	CERAMIC	220PF	10%	50V	
C751	1-126-964-11	ELECT	10uF	20%	50V	
C752	1-162-282-31	CERAMIC	100PF	10%	50V	
C753	1-102-233-00	CERAMIC	33PF	10%	500V	
C755	1-126-933-11	ELECT	100uF	20%	10V	
C770	1-126-967-11	ELECT	47uF	20%	16V	
C771	1-107-597-11	CERAMIC	22PF	10%	500V	
C772	1-107-597-11	CERAMIC	22PF	10%	500V	
C773	1-162-286-31	CERAMIC	220PF	10%	50V	
C793	1-126-923-11	ELECT	220uF	20%	10V	
C798	1-128-560-11	ELECT	22uF	20%	100V	
C799	1-128-560-11	ELECT	22uF	20%	100V	

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Ref. No.	Part No.	Description				Remarks
		< CONNECTOR >				
CNP704	1-564-320-00	PIN, CONNECTOR (B2P-VH) 2P				
* CNP705	1-564-242-00	PIN. CONNECTOR 5P				
CNP706	1-564-320-00	PIN, CONNECTOR (B2P-VH) 2P				
CNS704	1-564-510-11	PLUG, CONNECTOR 7P				
		< DIODE >				
D701	8-719-987-63	DIODE 1N4148M				
D702	8-719-010-06	DIODE UZ-2.2BS				
D703	8-719-010-06	DIODE UZ-2.2BS				
D704	8-719-987-63	DIODE 1N4148M				
D751	8-719-987-63	DIODE 1N4148M				
D752	8-719-010-06	DIODE UZ-2.2BS				
D753	8-719-010-06	DIODE UZ-2.2BS				
D754	8-719-987-63	DIODE 1N4148M				
		< IC >				
IC701	8-759-326-52	IC uPC2581V				
		< TRANSISTOR >				
Q701	8-729-900-80	TRANSISTOR DTC114ES				
Q703	8-729-422-57	TRANSISTOR UN4111				
Q704	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q705	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q706	8-749-010-25	IC MN2488-OPY-M				
Q707	8-749-010-26	IC MP1620-OPY-M				
Q708	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				
Q754	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q755	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q756	8-749-010-25	IC MN2488-OPY-M				
Q757	8-749-010-26	IC MP1620-OPY-M				
Q758	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				
		< RESISTOR >				
R701	1-249-417-11	CARBON	1K	5%	1/4W	F
R702	1-249-439-11	CARBON	68K	5%	1/4W	
R703	1-249-439-11	CARBON	68K	5%	1/4W	
R704	1-249-406-11	CARBON	120	5%	1/4W	F (V909/VE910)
R704	1-247-807-31	CARBON	100	5%	1/4W	(DE915)
R721	1-249-437-11	CARBON	47K	5%	1/4W	
R722	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R723	1-249-414-11	CARBON	560	5%	1/4W	F
⚠R724	1-249-408-11	CARBON	180	5%	1/4W	F
⚠R725	1-249-408-11	CARBON	180	5%	1/4W	F
⚠R726	1-233-352-41	ENCAPSULATED COMPONENT	0.22X2		2W	
R727	1-247-850-11	CARBON	6.2K	5%	1/4W	
R728	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R732	1-249-437-11	CARBON	47K	5%	1/4W	
R751	1-249-417-11	CARBON	1K	5%	1/4W	F
R752	1-249-439-11	CARBON	68K	5%	1/4W	
R753	1-249-439-11	CARBON	68K	5%	1/4W	
R754	1-249-406-11	CARBON	120	5%	1/4W	F (V909/VE910)
R754	1-247-807-31	CARBON	100	5%	1/4W	(DE915)
R771	1-249-437-11	CARBON	47K	5%	1/4W	
R772	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R773	1-249-414-11	CARBON	560	5%	1/4W	F
⚠R774	1-249-408-11	CARBON	180	5%	1/4W	F

Ref. No.	Part No.	Description				Remarks
⚠R775	1-249-408-11	CARBON	180	5%	1/4W	F
⚠R776	1-233-352-41	ENCAPSULATED COMPONENT	0.22X2		2W	
R777	1-247-850-11	CARBON	6.2K	5%	1/4W	
R778	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R782	1-249-437-11	CARBON	47K	5%	1/4W	
R790	1-249-417-11	CARBON	1K	5%	1/4W	F
R794	1-249-425-11	CARBON	4.7K	5%	1/4W	F
⚠R798	1-249-393-11	CARBON	10	5%	1/4W	F
⚠R799	1-249-393-11	CARBON	10	5%	1/4W	F

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	Part No.	Description
*	A-4398-229-A	S VIDEO BOARD, COMPLETE (DE915:US,CND) *************************
*	A-4398-251-A	S VIDEO BOARD, COMPLETE (DE915:AUS,PX) *************************
*	A-4398-285-A	S VIDEO BOARD, COMPLETE (V909/VE910) *************************

Ref. No.	Part No.	Description				Remarks
		< CAPACITOR >				
C205	1-130-495-00	MYLAR	0.1uF	5%	50V	(EXCEPT DE915:US,CND)
C207	1-130-483-00	MYLAR	0.01uF	5%	50V	(EXCEPT DE915:US,CND)
C209	1-130-495-00	MYLAR	0.1uF	5%	50V	(EXCEPT DE915:US,CND)
C210	1-124-903-11	ELECT	1uF	20%	50V	(EXCEPT DE915:US,CND)
C214	1-130-495-00	MYLAR	0.1uF	5%	50V	(EXCEPT DE915:US,CND)
C215	1-164-159-11	CERAMIC	0.1uF		50V	
C216	1-164-159-11	CERAMIC	0.1uF		50V	(DE915:US,CND)
C217	1-126-967-11	ELECT	47uF	20%	16V	
C221	1-126-964-11	ELECT	10uF	20%	50V	(DE915:US,CND)
C222	1-162-294-31	CERAMIC	0.001uF	10%	50V	(DE915:US,CND)
C225	1-130-483-00	MYLAR	0.01uF	5%	50V	(EXCEPT DE915:US,CND)
C226	1-124-907-11	ELECT	10uF	20%	50V	(EXCEPT DE915:US,CND)
C227	1-124-907-11	ELECT	10uF	20%	50V	(EXCEPT DE915:US,CND)
C229	1-124-903-11	ELECT	1uF	20%	50V	(EXCEPT DE915:US,CND)
C245	1-130-495-00	MYLAR	0.1uF	5%	50V	(EXCEPT DE915:US,CND)
C278	1-124-903-11	ELECT	1uF	20%	50V	(EXCEPT DE915:US,CND)
C261	1-102-074-00	CERAMIC	0.001uF	10%	50V	(DE915:US,CND)
C297	1-126-923-11	ELECT	220uF	20%	10V	(DE915:US,CND)
C2238	1-102-074-00	CERAMIC	0.001uF	10%	50V	(DE915:US,CND)
		< JACK >				
* CNJ202	1-564-507-11	PLUG. CONNECTOR 4P				
CNJ203	1-568-440-11	SOCKET, CONNECTOR 17P				

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

S VIDEO

Ref. No.	Part No.	Description	Remarks
		< CONNECTOR >	
CNS214	1-695-092-11	SOCKET, CONNECTOR 7P	
		< DIODE >	
D201	8-719-987-63	DIODE 1N4148M (DE915:US,CND)	
D210	8-719-987-63	DIODE 1N4148M (DE915:US,CND)	
		< IC >	
IC201	8-759-135-80	IC uPC358C (DE915:US,CND)	
IC203	8-759-061-95	IC SN761200 (EXCEPT DE915:US,CND)	
IC204	8-759-061-95	IC SN761200 (EXCEPT DE915:US,CND)	
IC223	8-759-388-26	IC NJM2129D (DE915:US,CND)	
		< JACK >	
J201	1-563-330-11	JACK (TV/DBS) (DE915:US,CND)	
J202	1-507-967-11	JACK (S-LINK) (DE915:US,CND)	
J204	1-537-943-11	TERMINAL, S (MONITOR) (EXCEPT DE915:US,CND)	
J205	1-537-943-11	TERMINAL, S (LD VIDEO IN) (EXCEPT DE915:US,CND)	
J207	1-691-964-11	CONNECTOR (ROUND TYPE) (VIDEO 1 IN) (EXCEPT DE915:US,CND)	
J212	1-563-330-11	JACK (VIDEO 1) (DE915:US,CND)	
J213	1-563-330-11	JACK (VIDEO 2) (DE915:US,CND)	
J214	1-563-330-11	JACK (MONITOR) (DE915:US,CND)	
		< COIL >	
L203	1-410-521-11	INDUCTOR 100uH	
		< TRANSISTOR >	
Q1	8-729-119-76	TRANSISTOR 2SA1175-HFE (EXCEPT DE915:US,CND)	
Q201	8-729-422-57	TRANSISTOR UN4111 (EXCEPT DE915:US,CND)	
Q205	8-729-119-76	TRANSISTOR 2SA1175-HFE (DE915:US,CND)	
Q206	8-729-119-76	TRANSISTOR 2SA1175-HFE (EXCEPT DE915:US,CND)	
Q207	8-729-620-05	TRANSISTOR 2SC2603-EF (EXCEPT DE915:US,CND)	
Q208	8-729-620-05	TRANSISTOR 2SC2603-EF (EXCEPT DE915:US,CND)	
Q209	8-729-620-05	TRANSISTOR 2SC2603TP-EF (DE915:US,CND)	
Q210	8-729-119-76	TRANSISTOR 2SA1175-HFE (EXCEPT DE915:US,CND)	
Q211	8-729-119-76	TRANSISTOR 2SA1175-HFE (EXCEPT DE915:US,CND)	
Q212	8-729-620-05	TRANSISTOR 2SC2603TP-EF (DE915:US,CND)	
Q213	8-729-119-76	TRANSISTOR 2SA1175-HFE (DE915:US,CND)	
Q220	8-729-620-05	TRANSISTOR 2SC2603TP-EF (DE915:US,CND)	
Q222	8-729-119-76	TRANSISTOR 2SA1175-HFE (DE915:US,CND)	
Q223	8-729-620-05	TRANSISTOR 2SC2603TP-EF (DE915:US,CND)	
Q225	8-729-119-76	TRANSISTOR 2SA1175-HFE (DE915:US,CND)	
Q226	8-729-119-76	TRANSISTOR 2SA1175-HFE (DE915:US,CND)	

Ref. No.	Part No.	Description	Remarks
		< RESISTOR >	
R1	1-249-413-11	CARBON 470 5% 1/4W (DE915:US,CND)	F
R2	1-249-413-11	CARBON 470 5% 1/4W (DE915:US,CND)	F
R6	1-247-843-11	CARBON 3.3K 5% 1/4W (DE915:US,CND)	
R7	1-249-429-11	CARBON 10K 5% 1/4W (DE915:US,CND)	
R201	1-249-417-11	CARBON 1K 5% 1/4W (DE915:US,CND)	F
R202	1-249-417-11	CARBON 1K 5% 1/4W (DE915:US,CND)	F
R203	1-249-437-11	CARBON 47K 5% 1/4W (DE915:US,CND)	
R205	1-247-807-31	CARBON 100 5% 1/4W (EXCEPT DE915:US,CND)	
R206	1-247-807-31	CARBON 100 5% 1/4W (EXCEPT DE915:US,CND)	
R214	1-249-429-11	CARBON 10K 5% 1/4W (EXCEPT DE915:US,CND)	
R215	1-249-403-11	CARBON 68 5% 1/4W (EXCEPT DE915:US,CND)	F
R218	1-249-403-11	CARBON 68 5% 1/4W (EXCEPT DE915:US,CND)	F
R219	1-249-403-11	CARBON 68 5% 1/4W (EXCEPT DE915:US,CND)	F
R220	1-249-409-11	CARBON 220 5% 1/4W (EXCEPT DE915:US,CND)	F
R221	1-249-414-11	CARBON 560 5% 1/4W (DE915:US,CND)	F
R222	1-249-414-11	CARBON 560 5% 1/4W (DE915:US,CND)	F
R223	1-249-409-11	CARBON 220 5% 1/4W (EXCEPT DE915:US,CND)	F
R224	1-249-433-11	CARBON 22K 5% 1/4W (DE915:US,CND)	
R225	1-249-427-11	CARBON 6.8K 5% 1/4W (DE915:US,CND)	F
R228	1-249-411-11	CARBON 330 5% 1/4W (EXCEPT DE915:US,CND)	
R229	1-249-417-11	CARBON 1K 5% 1/4W (DE915:US,CND)	F
R230	1-249-411-11	CARBON 330 5% 1/4W (EXCEPT DE915:US,CND)	
R233	1-249-426-11	CARBON 5.6K 5% 1/4W (EXCEPT DE915:US,CND)	
R234	1-249-426-11	CARBON 5.6K 5% 1/4W (EXCEPT DE915:US,CND)	
R236	1-249-429-11	CARBON 10K 5% 1/4W (EXCEPT DE915:US,CND)	
R238	1-249-403-11	CARBON 68 5% 1/4W (EXCEPT DE915:US,CND)	F
R239	1-249-403-11	CARBON 68 5% 1/4W (EXCEPT DE915:US,CND)	F
R240	1-249-403-11	CARBON 68 5% 1/4W (EXCEPT DE915:US,CND)	F
R241	1-249-417-11	CARBON 1K 5% 1/4W (DE915:US,CND)	F
R243	1-249-419-11	CARBON 1.5K 5% 1/4W (EXCEPT DE915:US,CND)	F
R244	1-249-419-11	CARBON 1.5K 5% 1/4W (EXCEPT DE915:US,CND)	F
R245	1-249-417-11	CARBON 1K 5% 1/4W (DE915:US,CND)	F

Ref. No.	Part No.	Description	Remarks
R247	1-249-403-11	CARBON 68 5% 1/4W	F (EXCEPT DE915:US,CND)
R248	1-249-403-11	CARBON 68 5% 1/4W	F (EXCEPT DE915:US,CND)
R251	1-249-403-11	CARBON 68 5% 1/4W	F (EXCEPT DE915:US,CND)
R254	1-249-430-11	CARBON 12K 5% 1/4W	(EXCEPT DE915:US,CND)
R255	1-249-430-11	CARBON 12K 5% 1/4W	(EXCEPT DE915:US,CND)
R257	1-249-403-11	CARBON 68 5% 1/4W	F (EXCEPT DE915:US,CND)
R256	1-249-417-11	CARBON 1K 5% 1/4W	F (DE915:US,CND)
R291	1-249-429-11	CARBON 10K 5% 1/4W	(DE915:US,CND)
R292	1-249-393-11	CARBON 10 5% 1/4W	F (DE915:US,CND)
R293	1-249-429-11	CARBON 10K 5% 1/4W	(DE915:US,CND)
R294	1-249-425-11	CARBON 4.7K 5% 1/4W	F (DE915:US,CND)
R297	1-247-843-11	CARBON 3.3K 5% 1/4W	(DE915:US,CND)
R298	1-249-429-11	CARBON 10K 5% 1/4W	(DE915:US,CND)
R299	1-249-417-11	CARBON 1K 5% 1/4W	F (DE915:US,CND)
R2015	1-247-807-31	CARBON 100 5% 1/4W	(DE915:US,CND)
R2020	1-247-807-31	CARBON 100 5% 1/4W	(DE915:US,CND)

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Ref. No.	Part No.	Description	Remarks
*	1-665-787-11	S-A-P BOARD ***********	

< CONNECTOR >

Ref. No.	Part No.	Description	Remarks
CNP703	1-695-089-11	PIN, CONNECTOR (PC BOARD) 11P	
CNS702	1-695-096-11	SOCKET, CONNECTOR 15P	
CNS905	1-695-092-11	SOCKET, CONNECTOR 7P	

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Ref. No.	Part No.	Description	Remarks
*	1-665-783-12	SECONDARY BOARD ***************	
	1-533-399-31	HOLDER, FUSE	

< CAPACITOR >

Ref. No.	Part No.	Description	Remarks
C801	1-104-664-11	ELECT 47uF 20% 25V	
C805	1-137-424-11	FILM 0.22uF 10% 100V	
C806	1-137-424-11	FILM 0.22uF 10% 100V	
⚠C850	1-137-416-11	FILM 0.01uF 10% 100V	
⚠C851	1-137-416-11	FILM 0.01uF 10% 100V	

< CONNECTOR >

Ref. No.	Part No.	Description	Remarks
* CNP801	1-564-905-11	PIN, CONNECTOR 9P	
CNP811	1-691-765-11	PLUG (MICRO CONNECTOR) 3P	

< DIODE >

Ref. No.	Part No.	Description	Remarks
D801	8-719-302-38	DIODE RBV-602-01	
D802	8-719-024-99	DIODE 11ES2-NTA2B	
D803	8-719-024-99	DIODE 11ES2-NTA2B	
D804	8-719-024-99	DIODE 11ES2-NTA2B	
D805	8-719-024-99	DIODE 11ES2-NTA2B	
D806	8-719-014-66	DIODE UZP-5.6B	
D851	8-719-302-38	DIODE RBV-602-01	

< FUSE >

Ref. No.	Part No.	Description	Remarks
⚠F950	1-532-506-51	FUSE 6.3A 250V	(DE915:AUS,PX/V909/VE910)
⚠F950	1-533-311-11	FUSE, GLASS CYLINDRICAL 8A 125V (DIA.5)	(DE915:US,CND)
⚠F951	1-532-506-51	FUSE 6.3A 250V	(DE915:AUS,PX/V909/VE910)
⚠F951	1-533-311-11	FUSE, GLASS CYLINDRICAL 8A 125V (DIA.5)	(DE915:US,CND)

< TRANSFORMER >

Ref. No.	Part No.	Description	Remarks
⚠T901	1-431-281-11	TRANSFORMER, POWER	(DE915:US)
⚠T901	1-431-282-11	TRANSFORMER, POWER	(DE915:CND)
⚠T901	1-431-283-11	TRANSFORMER, POWER	(DE915:AUS)
⚠T901	1-431-284-11	TRANSFORMER, POWER	(DE915:PX)
⚠T901	1-431-285-11	TRANSFORMER, POWER	(V909/VE910:E,SP,MY)
⚠T901	1-431-286-11	TRANSFORMER, POWER	(VE910:AEP,UK,G,AED,EE)

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Ref. No.	Part No.	Description	Remarks
*	A-4398-235-A	SP (2F) BOARD, COMPLETE ***********************	(VE910:AEP,UK,G,AED,EE)
*	A-4398-250-A	SP (2F) BOARD, COMPLETE ***********************	(DE915:AUS)
*	A-4398-262-A	SP (2F) BOARD, COMPLETE ***********************	(DE915:US,CND,PX)
*	A-4398-295-A	SP (2F) BOARD, COMPLETE ***********************	(V909/VE910:E,SP,MY)

< CAPACITOR >

Ref. No.	Part No.	Description	Remarks
C624	1-126-964-11	ELECT 10uF 20% 50V	
C625	1-136-157-00	FILM 0.022uF 5% 50V	
C626	1-136-153-00	FILM 0.01uF 5% 50V	
C706	1-126-951-11	ELECT 470uF 20% 35V	
C707	1-104-664-11	ELECT 47uF 20% 25V	
C724	1-126-964-11	ELECT 10uF 20% 50V	
C725	1-136-157-00	FILM 0.022uF 5% 50V	
C726	1-136-153-00	FILM 0.01uF 5% 50V	
C775	1-136-157-00	FILM 0.022uF 5% 50V	

< JACK >

Ref. No.	Part No.	Description	Remarks
CNJ701	1-774-136-11	CONNECTOR, ROUND TYPE 6P	

< CONNECTOR >

Ref. No.	Part No.	Description	Remarks
CNP603	1-564-320-00	PIN, CONNECTOR (B2P-VH) 2P	(WIRELESS REAR SPEAKER)
CNS703	1-695-094-11	SOCKET, CONNECTOR 11P	

< DIODE >

Ref. No.	Part No.	Description	Remarks
D543	8-719-987-63	DIODE 1N4148M	
D605	8-719-987-63	DIODE 1N4148M	
D606	8-719-987-63	DIODE 1N4148M	
D607	8-719-987-63	DIODE 1N4148M	
D649	8-719-987-63	DIODE 1N4148M	

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Ref. No.	Part No.	Description	Remarks
D705	8-719-987-63	DIODE 1N4148M	
D706	8-719-987-63	DIODE 1N4148M	
D707	8-719-002-06	DIODE UZL-18L	
D749	8-719-987-63	DIODE 1N4148M	
		< JACK >	
J501	1-770-377-31	JACK, PIN 1P (WOOFER)	
		< COIL >	
L601	1-411-906-11	COIL, AIR-CORE (V909/VE910)	
L601	1-420-872-00	COIL, AIR-CORE (DE915)	
L701	1-411-906-11	COIL, AIR-CORE (V909/VE910)	
L701	1-420-872-00	COIL, AIR-CORE (DE915)	
L751	1-411-906-11	COIL, AIR-CORE (V909/VE910)	
L751	1-420-872-00	COIL, AIR-CORE (DE915)	
		< TRANSISTOR >	
Q544	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q609	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q610	8-729-900-63	TRANSISTOR DTA124ES	
Q611	8-729-900-63	TRANSISTOR DTA124ES	
Q645	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q709	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q710	8-729-900-63	TRANSISTOR DTA124ES	
Q745	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q748	8-729-209-15	TRANSISTOR 2SD2012	
		< RESISTOR >	
R543	1-249-429-11	CARBON 10K 5% 1/4W	
R544	1-249-425-11	CARBON 4.7K 5% 1/4W	F
⚠R545	1-249-393-11	CARBON 10 5% 1/4W	F
R546	1-249-425-11	CARBON 4.7K 5% 1/4W	F
R629	1-247-866-11	CARBON 30K 5% 1/4W	
R630	1-249-421-11	CARBON 2.2K 5% 1/4W	F
R631	1-249-433-11	CARBON 22K 5% 1/4W	
R632	1-249-433-11	CARBON 22K 5% 1/4W	
⚠R633	1-249-393-11	CARBON 10 5% 1/4W	F
⚠R634	1-249-389-11	CARBON 4.7 5% 1/4W	F
R635	1-249-431-11	CARBON 15K 5% 1/4W	
R647	1-249-429-11	CARBON 10K 5% 1/4W	
R648	1-249-425-11	CARBON 4.7K 5% 1/4W	F
⚠R649	1-249-393-11	CARBON 10 5% 1/4W	F
R729	1-247-866-11	CARBON 30K 5% 1/4W	
R730	1-249-421-11	CARBON 2.2K 5% 1/4W	F
R731	1-249-433-11	CARBON 22K 5% 1/4W	
⚠R733	1-249-393-11	CARBON 10 5% 1/4W	F
⚠R734	1-249-389-11	CARBON 4.7 5% 1/4W	F
R735	1-249-431-11	CARBON 15K 5% 1/4W	
R737	1-249-429-11	CARBON 10K 5% 1/4W	
R738	1-247-887-00	CARBON 220K 5% 1/4W	
R746	1-249-417-11	CARBON 1K 5% 1/4W	F
R747	1-249-429-11	CARBON 10K 5% 1/4W	
R748	1-249-425-11	CARBON 4.7K 5% 1/4W	F
⚠R749	1-249-393-11	CARBON 10 5% 1/4W	F
⚠R783	1-249-393-11	CARBON 10 5% 1/4W	F
⚠R784	1-249-389-11	CARBON 4.7 5% 1/4W	F
R787	1-249-429-11	CARBON 10K 5% 1/4W	
R788	1-247-887-00	CARBON 220K 5% 1/4W	

Ref. No.	Part No.	Description	Remarks
		< RELAY >	
RY503	1-515-793-11	RELAY	
RY601	1-515-920-11	RELAY (24V)	
RY701	1-515-920-11	RELAY (24V)	
		< SWITCH >	
S501	1-692-196-11	SWITCH, SLIDE (IMP SELECTOR)(DE915)	
		< TERMINAL >	
TM501	1-537-881-11	TERMINAL BOARD (6P) (SURROUND SPEAKERS)	

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Ref. No.	Part No.	Description	Remarks
*	1-665-775-11	SP SW BOARD ***********	
		< CONNECTOR >	
* CNS101	1-695-808-11	CONNECTOR, PC BOARD 8P	
		< DIODE >	
D152	8-719-987-63	DIODE 1N4148M	
D153	8-719-987-63	DIODE 1N4148M	
		< SWITCH >	
S136	1-762-751-11	SWITCH, TACTILE (DPC MODE)	
S152	1-554-118-00	SWITCH, PUSH (1 KEY) (POWER)(V909/VE910)	
S155	1-762-268-11	SWITCH, ROTARY (SPEAKERS)	

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Ref. No.	Part No.	Description	Remarks
*	A-4398-236-A	SUR BOARD, COMPLETE (VE910:AEP,UK,G, AED,EE) *******************	
*	A-4398-266-A	SUR BOARD, COMPLETE (DE915:US,CND,PX) *******************	
*	A-4398-279-A	SUR BOARD, COMPLETE (V909/VE910:E,SP, MY) *******************	
*	A-4398-287-A	SUR BOARD, COMPLETE (DE915:AUS) *******************	
		< CAPACITOR >	
C301	1-126-963-11	ELECT 4.7uF 20% 50V	
C302	1-162-282-31	CERAMIC 100PF 10% 50V	
C303	1-126-967-11	ELECT 47uF 20% 16V	
C304	1-130-480-00	MYLAR 0.0056uF 5% 50V	
C305	1-106-347-00	MYLAR 1500PF 5% 200V	
C306	1-126-960-11	ELECT 1uF 20% 50V	
C307	1-164-159-11	CERAMIC 0.1uF 50V	
C351	1-126-963-11	ELECT 4.7uF 20% 50V	
C352	1-162-282-31	CERAMIC 100PF 10% 50V	
C353	1-126-967-11	ELECT 47uF 20% 16V	
C354	1-130-480-00	MYLAR 0.0056uF 5% 50V	
C355	1-106-347-00	MYLAR 1500PF 5% 200V	
C356	1-126-960-11	ELECT 1uF 20% 50V	
C357	1-164-159-11	CERAMIC 0.1uF 50V	
C394	1-126-967-11	ELECT 47uF 20% 16V	

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Ref. No.	Part No.	Description			Remarks
C395	1-126-967-11	ELECT	47uF	20%	16V
C396	1-164-070-11	CERAMIC	100PF	5%	50V
C397	1-162-294-31	CERAMIC	0.001uF	10%	50V
C401	1-128-547-11	ELECT	6800uF	20%	16V
C402	1-126-935-11	ELECT	470uF	20%	16V
C403	1-126-935-11	ELECT	470uF	20%	16V
C407	1-126-964-11	ELECT	10uF	20%	50V
C408	1-164-159-11	CERAMIC	0.1uF		50V
C409	1-130-495-00	MYLAR	0.1uF	5%	50V
C410	1-130-495-00	MYLAR	0.1uF	5%	50V
C457	1-126-964-11	ELECT	10uF	20%	50V
C458	1-164-159-11	CERAMIC	0.1uF		50V
C501	1-126-964-11	ELECT	10uF	20%	50V
C502	1-164-070-11	CERAMIC	100PF	5%	50V
C503	1-107-601-11	CERAMIC	33PF	5%	500V
C504	1-164-040-11	CERAMIC	4PF	0.25PF	50V
C505	1-126-933-11	ELECT	100uF	20%	16V
C551	1-126-964-11	ELECT	10uF	20%	50V
C552	1-164-070-11	CERAMIC	100PF	5%	50V
C553	1-107-601-11	CERAMIC	33PF	5%	500V
C554	1-164-040-11	CERAMIC	4PF	0.25PF	50V
C555	1-126-933-11	ELECT	100uF	20%	16V
C593	1-126-923-11	ELECT	220uF	20%	10V
C594	1-128-560-11	ELECT	22uF	20%	100V
C595	1-128-560-11	ELECT	22uF	20%	100V
C601	1-126-964-11	ELECT	10uF	20%	50V
C602	1-162-282-31	CERAMIC	100PF	10%	50V
C603	1-102-989-00	CERAMIC	68PF	5%	500V
C604	1-164-040-11	CERAMIC	4PF	0.25PF	50V
C605	1-126-967-11	ELECT	47uF	20%	16V
C606	1-102-989-00	CERAMIC	68PF	5%	500V
C607	1-126-964-11	ELECT	10uF	20%	50V
CC01	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC02	1-162-286-31	CERAMIC	220PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC03	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC04	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC05	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC06	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC07	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC08	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC51	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC52	1-162-286-31	CERAMIC	220PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC53	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC54	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC55	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)

Ref. No.	Part No.	Description			Remarks
CC56	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC57	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)
CC58	1-162-282-31	CERAMIC	100PF	10%	50V (DE915:AUS/VE910:AEP,UK,G,AED,EE)

< CONNECTOR >

CNP250	1-691-765-11	PLUG (MICRO CONNECTOR) 3P
CNP305	1-695-088-11	PIN, CONNECTOR (PC BOARD) 9P
CNP806	1-564-320-00	PIN, CONNECTOR (B2P-VH) 2P (V909/VE910)
CNS401	1-569-323-11	SOCKET, CONNECTOR 19P
CNS403	1-569-324-11	SOCKET, CONNECTOR 21P
CNS404	1-691-765-11	PLUG (MICRO CONNECTOR) 3P
CNS405	1-691-767-11	PLUG (MICRO CONNECTOR) 5P
CNS406	1-691-768-11	PLUG (MICRO CONNECTOR) 6P
CNS501	1-770-404-11	HOUSING,CONNECTOR(PC BOARD)11P
CNS601	1-770-404-11	HOUSING,CONNECTOR(PC BOARD)11P

< DIODE >

D401	8-719-987-63	DIODE 1N4148M
D402	8-719-200-82	DIODE 11ES2
D403	8-719-200-82	DIODE 11ES2

< IC >

IC301	8-759-805-14	IC LC7822
IC302	8-759-636-74	IC M5218AP-22
IC304	8-759-636-74	IC M5218AP-22
IC401	8-759-231-53	IC TA7805S
IC402	8-759-231-53	IC TA7805S
IC501	8-759-326-52	IC uPC2581V
IC601	8-749-011-16	IC STK350-230
IC602	8-759-636-74	IC M5218AP-22

< JACK >

J301	1-774-725-11	JACK, PIN 2P (PHONO) (V909/VE910)
J302	1-766-394-11	JACK, PIN 6P (TAPE,DAT/MD IN)
J303	1-766-394-11	JACK, PIN 6P (DAT/MD OUT,CD,PHONO)

< TRANSISTOR >

Q401	8-729-141-30	TRANSISTOR 2SC3623A-LK
Q410	8-729-620-05	TRANSISTOR 2SC2603-EF
Q411	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q451	8-729-141-30	TRANSISTOR 2SC3623A-LK
Q503	8-729-422-57	TRANSISTOR UN4111

< RESISTOR >

R301	1-249-409-11	CARBON	220	5%	1/4W	F
R302	1-249-441-11	CARBON	100K	5%	1/4W	
R303	1-249-441-11	CARBON	100K	5%	1/4W	
R304	1-249-416-11	CARBON	820	5%	1/4W	F
R305	1-247-897-11	CARBON	560K	5%	1/4W	
R306	1-249-437-11	CARBON	47K	5%	1/4W	
R307	1-249-441-11	CARBON	100K	5%	1/4W	
R308	1-247-807-31	CARBON	100	5%	1/4W	
R309	1-249-417-11	CARBON	1K	5%	1/4W (V909/VE910)	F
R310	1-249-417-11	CARBON	1K	5%	1/4W	F
R311	1-249-417-11	CARBON	1K	5%	1/4W	F
R312	1-249-417-11	CARBON	1K	5%	1/4W	F
R313	1-249-417-11	CARBON	1K	5%	1/4W	F
R314	1-249-417-11	CARBON	1K	5%	1/4W	F

Ref. No.	Part No.	Description			Remarks
R315	1-249-437-11	CARBON	47K	5%	1/4W
R351	1-249-409-11	CARBON	220	5%	1/4W F
R352	1-249-441-11	CARBON	100K	5%	1/4W
R353	1-249-441-11	CARBON	100K	5%	1/4W
R354	1-249-416-11	CARBON	820	5%	1/4W F
R355	1-247-897-11	CARBON	560K	5%	1/4W
R356	1-249-437-11	CARBON	47K	5%	1/4W
R357	1-249-441-11	CARBON	100K	5%	1/4W
R358	1-247-807-31	CARBON	100	5%	1/4W
R359	1-249-417-11	CARBON	1K	5%	1/4W F (V909/VE910)
R360	1-249-417-11	CARBON	1K	5%	1/4W F
R361	1-249-417-11	CARBON	1K	5%	1/4W F
R362	1-249-417-11	CARBON	1K	5%	1/4W F
R363	1-249-417-11	CARBON	1K	5%	1/4W F
R394	1-247-807-31	CARBON	100	5%	1/4W
R395	1-247-807-31	CARBON	100	5%	1/4W
R396	1-249-417-11	CARBON	1K	5%	1/4W F
R397	1-249-425-11	CARBON	4.7K	5%	1/4W F
R412	1-249-425-11	CARBON	4.7K	5%	1/4W F
R449	1-249-425-11	CARBON	4.7K	5%	1/4W F
R450	1-249-441-11	CARBON	100K	5%	1/4W
R462	1-249-425-11	CARBON	4.7K	5%	1/4W F
R483	1-249-441-11	CARBON	100K	5%	1/4W
R484	1-249-429-11	CARBON	10K	5%	1/4W
R486	1-249-437-11	CARBON	47K	5%	1/4W
R490	1-249-433-11	CARBON	22K	5%	1/4W (DE915)
R491	1-249-429-11	CARBON	10K	5%	1/4W (DE915)
R492	1-249-416-11	CARBON	820	5%	1/4W F (DE915)
R501	1-249-417-11	CARBON	1K	5%	1/4W F
R502	1-249-439-11	CARBON	68K	5%	1/4W
R503	1-249-439-11	CARBON	68K	5%	1/4W
R504	1-247-820-11	CARBON	360	5%	1/4W (V909/VE910)
R504	1-249-411-11	CARBON	330	5%	1/4W (DE915)
R551	1-249-417-11	CARBON	1K	5%	1/4W F
R552	1-249-439-11	CARBON	68K	5%	1/4W
R553	1-249-439-11	CARBON	68K	5%	1/4W
R554	1-247-820-11	CARBON	360	5%	1/4W (V909/VE910)
R554	1-249-411-11	CARBON	330	5%	1/4W (DE915)
R590	1-249-417-11	CARBON	1K	5%	1/4W F
⚠R592	1-249-381-11	CARBON	1	5%	1/4W F
⚠R593	1-249-381-11	CARBON	1	5%	1/4W F
R601	1-249-417-11	CARBON	1K	5%	1/4W F
R602	1-249-439-11	CARBON	68K	5%	1/4W
R603	1-249-406-11	CARBON	120	5%	1/4W F (V909/VE910)
R603	1-247-807-31	CARBON	100	5%	1/4W (DE915)
R604	1-249-439-11	CARBON	68K	5%	1/4W
R605	1-249-413-11	CARBON	470	5%	1/4W F
R606	1-249-439-11	CARBON	68K	5%	1/4W
R607	1-249-417-11	CARBON	1K	5%	1/4W F
R608	1-249-431-11	CARBON	15K	5%	1/4W

Ref. No.	Part No.	Description			Remarks
RR01	1-249-418-11	CARBON	1.2K	5%	1/4W F (DE915:AUS/VE910:AEP,UK,G,AED,EE)
RR51	1-249-418-11	CARBON	1.2K	5%	1/4W F (DE915:AUS/VE910:AEP,UK,G,AED,EE)

< RELAY >

RY401	1-515-614-11	RELAY

< TERMINAL >

TM401	1-694-266-11	TERMINAL BOARD, ANT (ANTENNA) (DE915:AUS)
TM401	1-694-265-11	TERMINAL BOARD, ANT (ANTENNA) (DE915:US,CND,PX)

< TUNER >

TU401	1-693-377-11	TUNER (DE915:AUS)
TU401	1-233-592-11	ENCAPSULATED COMPONENT (DE915:US,CND,PX)

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* 1-665-776-11 SUR-AUDIO (2F) BOARD

****

< CONNECTOR >

CNP302	1-695-088-11	PIN, CONNECTOR (PC BOARD) 9P
CNS303	1-695-093-11	SOCKET, CONNECTOR 9P

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* 1-665-780-11 SW BOARD

****

< CONNECTOR >

CNP103	1-770-397-11	HOUSING, CONNECTOR(PC BOARD)4P

< RESISTOR >

R169	1-249-411-11	CARBON	330	5%	1/4W
R170	1-249-413-11	CARBON	470	5%	1/4W F
R171	1-249-415-11	CARBON	680	5%	1/4W F
R172	1-249-417-11	CARBON	1K	5%	1/4W F
R173	1-249-419-11	CARBON	1.5K	5%	1/4W F
R174	1-249-421-11	CARBON	2.2K	5%	1/4W F
R175	1-249-425-11	CARBON	4.7K	5%	1/4W F
R176	1-249-411-11	CARBON	330	5%	1/4W
R177	1-249-413-11	CARBON	470	5%	1/4W F
R178	1-249-415-11	CARBON	680	5%	1/4W F
R179	1-249-417-11	CARBON	1K	5%	1/4W F
R180	1-249-419-11	CARBON	1.5K	5%	1/4W F
R181	1-249-421-11	CARBON	2.2K	5%	1/4W F
R182	1-249-411-11	CARBON	330	5%	1/4W
R183	1-249-413-11	CARBON	470	5%	1/4W F
R184	1-249-415-11	CARBON	680	5%	1/4W F
R185	1-249-417-11	CARBON	1K	5%	1/4W F
R186	1-249-419-11	CARBON	1.5K	5%	1/4W F
R187	1-249-421-11	CARBON	2.2K	5%	1/4W F

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remarks
		< SWITCH >	
S101	1-762-751-11	SWITCH, TACTILE (1) (DE915)	
S102	1-762-751-11	SWITCH, TACTILE (4) (DE915)	
S103	1-762-751-11	SWITCH, TACTILE (7) (DE915)	
S104	1-762-751-11	SWITCH, TACTILE (0) (DE915)	
S105	1-762-751-11	SWITCH, TACTILE (DIRECT PASS)	
S106	1-762-751-11	SWITCH, TACTILE (GENRE)	
S107	1-762-751-11	SWITCH, TACTILE (SET UP)	
S108	1-762-751-11	SWITCH, TACTILE (MODE)	
S109	1-762-751-11	SWITCH, TACTILE (2) (DE915)	
S110	1-762-751-11	SWITCH, TACTILE (5) (DE915)	
S111	1-762-751-11	SWITCH, TACTILE (8) (DE915)	
S112	1-762-751-11	SWITCH, TACTILE (DIRECT) (DE915)	
S113	1-762-751-11	SWITCH, TACTILE (AUDIO FUNC <)	
S114	1-762-751-11	SWITCH, TACTILE (SOUND FIELD)	
S115	1-762-751-11	SWITCH, TACTILE (AUDIO FUNC >)	
S116	1-762-751-11	SWITCH, TACTILE (3) (DE915)	
S117	1-762-751-11	SWITCH, TACTILE (6) (DE915)	
S118	1-762-751-11	SWITCH, TACTILE (9) (DE915)	
S119	1-762-751-11	SWITCH, TACTILE (SHIFT) (DE915)	
S120	1-762-751-11	SWITCH, TACTILE (VIDEO FUNC <)	
S121	1-762-751-11	SWITCH, TACTILE (INPUT MODE)	
S122	1-762-751-11	SWITCH, TACTILE (VIDEO FUNC >)	

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Ref. No.	Part No.	Description				Remarks
*	1-665-777-11	VIDEO (3) BOARD *************				
		< CAPACITOR >				
C299	1-164-159-11	CERAMIC	0.1uF		50V	
		< JACK >				
J299	1-764-190-11	JACK, PIN 3P (VIDEO 3 INPUT) (V909/VE910)				
J299	1-779-868-11	JACK, PIN 3P (VIDEO 3 INPUT) (DE915)				
		< RESISTOR >				
R297	1-249-403-11	CARBON	68	5%	1/4W	F (V909/VE910)
R298	1-249-403-11	CARBON	68	5%	1/4W	F (V909/VE910)
R299	1-249-403-11	CARBON	68	5%	1/4W	F
R316	1-249-417-11	CARBON	1K	5%	1/4W	F
R366	1-249-417-11	CARBON	1K	5%	1/4W	F

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Ref. No.	Part No.	Description			
*	1-665-784-11	VIDEO BOARD ***********			
		< CAPACITOR >			
C253	1-126-960-11	ELECT	1uF	20%	50V
C256	1-126-960-11	ELECT	1uF	20%	50V
C258	1-126-960-11	ELECT	1uF	20%	50V
C262	1-126-960-11	ELECT	1uF	20%	50V
C264	1-126-964-11	ELECT	10uF	20%	50V
C265	1-126-964-11	ELECT	10uF	20%	50V
C266	1-126-964-11	ELECT	10uF	20%	50V
C267	1-126-960-11	ELECT	1uF	20%	50V

Ref. No.	Part No.	Description				Remarks
		< IC >				
IC211	8-759-061-95	IC SN761200				
		< CONNECTOR >				
CNS215	1-695-092-11	SOCKET, CONNECTOR 7P				
		< JACK >				
J209	1-766-400-11	JACK, PIN 2P (VIDEO 2)				
J210	1-766-399-11	JACK, PIN 3P (VIDEO 1,MONITOR)				
J211	1-766-400-11	JACK, PIN 2P (VIDEO 3)				
		< TRANSISTOR >				
Q214	8-729-620-05	TRANSISTOR 2SC2603-EF				
Q215	8-729-620-05	TRANSISTOR 2SC2603-EF				
Q216	8-729-620-05	TRANSISTOR 2SC2603-EF				
Q217	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q218	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q219	8-729-119-76	TRANSISTOR 2SA1175-HFE				
		< RESISTOR >				
R207	1-249-409-11	CARBON	220	5%	1/4W	F
R266	1-249-403-11	CARBON	68	5%	1/4W	F
R268	1-249-403-11	CARBON	68	5%	1/4W	F
R269	1-249-403-11	CARBON	68	5%	1/4W	F
R270	1-249-426-11	CARBON	5.6K	5%	1/4W	
R271	1-249-426-11	CARBON	5.6K	5%	1/4W	
R272	1-249-426-11	CARBON	5.6K	5%	1/4W	
R274	1-249-403-11	CARBON	68	5%	1/4W	F
R275	1-249-403-11	CARBON	68	5%	1/4W	F
R276	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R277	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R278	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R279	1-249-403-11	CARBON	68	5%	1/4W	F
R280	1-249-403-11	CARBON	68	5%	1/4W	F
R281	1-249-403-11	CARBON	68	5%	1/4W	F
R282	1-249-403-11	CARBON	68	5%	1/4W	F
R283	1-249-403-11	CARBON	68	5%	1/4W	F
R288	1-249-430-11	CARBON	12K	5%	1/4W	
R289	1-249-430-11	CARBON	12K	5%	1/4W	
R290	1-249-430-11	CARBON	12K	5%	1/4W	
R2009	1-249-409-11	CARBON	220	5%	1/4W	F
R2010	1-249-409-11	CARBON	220	5%	1/4W	F

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Ref. No.	Part No.	Description
*	1-665-788-11	VOL SEL BOARD (DE915:PX/VE910:E) *************
		< CONNECTOR >
CNP910	1-564-321-00	PIN, CONNECTOR 2P (DE915:PX/VE910:E)
* CNP911	1-564-687-11	PIN, CONNECTOR 3P (DE915:PX/VE910:E)
* CNP912	1-564-687-11	PIN, CONNECTOR 3P (DE915:PX/VE910:E)
		< SWITCH >
⚠S902	1-571-437-11	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR) (DE915:PX/VE910:E)

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VOLUME

Ref. No.	Part No.	Description	Remarks
*	1-665-774-11	VOLUME BOARD ************	
		< CONNECTOR >	
CNP102	1-770-388-11	PIN, CONNECTOR (PC BOARD) 4P	
CNS402	1-569-323-11	SOCKET, CONNECTOR 19P	
		< RESISTOR >	
R499	1-249-411-11	CARBON 330 5%	1/4W
		< VARIABLE RESISTOR >	
RV401	1-225-445-11	RES, VAR, CARBON 100KX6 (MASTER VOLUME)	

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MISCELLANEOUS
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Ref. No.	Part No.	Description	Remarks
19	1-773-174-11	WIRE (FLAT TYPE) (21 CORE)(46cm)	
20	1-773-057-11	WIRE (FLAT TYPE) (17 CORE)	
22	1-773-107-11	WIRE (FLAT TYPE) (19 CORE)(17cm)	
57	1-773-116-11	WIRE (FLAT TYPE) (19 CORE)(23cm)	
58	1-773-174-11	WIRE (FLAT TYPE) (21 CORE)(9cm)	
⚠60	1-696-847-11	CORD, POWER (AUS)	
⚠60	1-769-743-11	CORD, POWER (US,CND)	
⚠60	1-769-744-11	CORD, POWER (EXCEPT US,CND,AUS,CH)	
⚠60	1-782-464-21	CORD, POWER (CH)	
⚠69	1-569-008-11	ADAPTOR, CONVERSION 2P (E,PX)	
⚠CNJ909	1-251-416-11	OUTLET, AC (AC OUTLET) (AUS)	
⚠CNJ909	1-526-794-11	OUTLET, AC (EXCEPT US,CND,AUS,PX,CH)	

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Ref. No.	Part No.	Description	Remarks
		ACCESSORIES & PACKING MATERIALS ******************************	
	1-475-134-11	REMOTE COMMANDER (RM-P501)	
	1-501-374-11	ANTENNA, LOOP (DE915)	
	1-501-594-11	ANTENNA (FM) (DE915:AUS)	
	1-777-172-11	CORD, CONNECTION (DE915:US,CND)	
	3-703-044-26	LABEL, CAUTION (DE915:US,CND)	
	3-810-765-11	MANUAL,COMMONNESS INSTRUCTION (ENGLISH)(DE915:US)	
	3-810-765-21	MANUAL,COMMONNESS INSTRUCTION (ENGLISH,FRENCH,GERMAN,SPANISH,DUTCH, SWEDISH,ITALIAN,PORTUGUESE,CHINESE) (DE915)	
	3-860-516-11	MANUAL, INSTRUCTION (ENGLISH) (DE915:US,AUS)	
	3-860-516-21	MANUAL, INSTRUCTION (FRENCH) (DE915:CND)	
	3-860-516-31	MANUAL, INSTRUCTION (ENGLISH) (DE915:PX)	
	3-861-069-11	MANUAL, INSTRUCTION (ENGLISH/FRENCH/DUTCH/SWEDISH) (VE910:AEP,UK,AED,EE)	
	3-861-069-21	MANUAL, INSTRUCTION (GERMAN,SPANISH,ITALIAN,PORTUGUESE) (VE910:AEP,UK,G,AED,EE)	
	3-861-069-41	MANUAL, INSTRUCTION (ENGLISH/CHINESE) (VE910:E,SP,MY)	
	3-861-069-51	MANUAL, INSTRUCTION (ENGLISH/CHINESE) (V909)	
	4-983-536-01	COVER, BATTERY (for RM-P501)	

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HARDWARE LIST
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Ref. No.	Part No.	Description	Remarks
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 TT(B)	
#2	7-685-872-09	SCREW +BVTT 3X8 (S)	
#3	7-685-881-09	SCREW +BVTT 4X8 (S)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

9-920-940-11

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